



No. 37

11 SEPTEMBER 2004



UNITED STATES OF AMERICA

NOTICE TO MARINERS



Published Weekly by the
National Geospatial-Intelligence Agency

Prepared Jointly with the
National Ocean Service and U.S. Coast Guard

Contents

Section I

Chart Corrections	I-1.1
Chartlets / Depth Tabulations / Notes	I-2.1
Charts Affected by Notice to Mariners	I-3.1

Section II

NGA Hydrographic Products Catalog Corrections	II-1.1
Navigation Publications Corrections	II-2.1
USCG Light List Corrections / Radiobeacon Corrections	II-3.1
NGA List of Lights / Radiobeacon / DGPS Corrections	II-4.1
Publications Affected by Notice to Mariners	II-5.1

Section III

Broadcast Warnings / MARAD Advisories / Special Warnings	III-1.1
Marine Information	III-2.1

Visit the Maritime Safety Information Division website at
<http://pollux.nss.nga.mil/>



NSN 7642015139812
NGA REF.NO. NMXXX0437

IMPORTANT INFORMATION

The Notice to Mariners is published by the National Geospatial-Intelligence Agency (NGA), under the authority of Department of Defense Directive 5105.40, to advise mariners of important matters affecting navigational safety, including new hydrographic discoveries, changes in channels and navigational aids, etc. (U.S. Code Title 10, Sec. 442 and Title 44, Sec. 1336 refer). Nothing in the arrangement of information implies endorsement or acceptance by NGA in matters affecting the status and boundaries of States and territories. The Notice to Mariners presents corrective information affecting charts, NGA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NGA List of Lights, Radio Navigational Aids and other products produced by the National Geospatial-Intelligence Agency, National Ocean Service and U.S. Coast Guard.

Information for the Notice to Mariners is contributed by the following Agencies: National Geospatial-Intelligence Agency (NGA) (Department of Defense) for waters outside the territorial limits of the United States; National Ocean Service (NOS) (Department of Commerce), which is charged with the surveys and charting of the coasts and harbors of the United States and its territories; the U.S. Coast Guard (USCG) (Department of Homeland Security), which is responsible for the safety of life at sea and the establishment and operation of aids to navigation; and the U.S. Army Corps of Engineers (Department of Defense), which is charged with the improvement of rivers and harbors of the United States. In addition, important contributions are made by foreign hydrographic offices and cooperating observers of all nationalities.

For further information concerning NGA hydrographic products and services, including the Maritime Safety Information Website, users may contact:

<u>Name</u>	<u>Telephone</u>	<u>DSN</u>	<u>FAX</u>
Maritime Safety Information Division	301-227-3370	287-3370	301-227-4211
World Wide Navigational Warning Service	301-227-3147	287-3147	301-227-3731
Fleet Liaison Officer	301-227-3120	287-3120	301-227-4211
Maritime Safety Information Website	301-227-3296	287-3296	301-227-4211
Notice to Mariners: Regions 1 and 2	301-227-3122	287-3122	301-227-3175
Notice to Mariners: Regions 3, 4, 5	301-227-3146	287-3146	301-227-3175
Notice to Mariners: Regions 6 thru 9	301-227-3146	287-3146	301-227-3175
Sailing Directions, Fleet Guides	301-227-3183	287-3183	301-227-3174
Navigation Science Publications	301-227-3120	287-3120	301-227-3731
Distribution Issues	301-227-7652	287-7652	301-227-4211

The Maritime Safety Information Website can be accessed directly at (<http://pollux.nss.nga.mil>). For your convenience NGA provides three e-mail addresses. For information affecting Notice to Mariners use NavNotices@nga.mil, for information affecting Sailing Directions and all other navigational publications use SDPUBS@nga.mil, for information concerning the Maritime Safety Information Website, use webmaster_nss@nga.mil.

Mariners are requested to notify NGA of discrepancies in charts and publications, using the Marine Information Report and Suggestion Sheet at the back of this Notice to Mariners. This form should also be used to report permanent changes, additions, or deletions from charted or published information. Reports which constitute an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. All reports are greatly appreciated. Marine Information Report and Suggestion sheets received during the past week were submitted by the following observers:

<u>Observer</u>	<u>Ship/Organization</u>
Navigation Team	USS CURTS

Cover Photo: LCVP-Officially designated as a Landing Craft, Vehicles and Personnel, this small craft was more commonly known by the name of its inventor, New Orleans businessman Andrew Jackson Higgins. A modification of Higgins' Eureka workboat, the LCVP was highly maneuverable and ideal for landing troops and supplies on beaches. Higgins Industries, along with other companies licensed to reproduce the design, built over 20,000 LCVPs during the course of the war. This landing craft was important not only to the Normandy landings on D-Day, but also to Pacific Theatre operations on Guadalcanal, Tarawa, Iwo Jima and Okinawa. The LCVP could land a platoon of 36 men with their equipment, extract itself quickly, turn around without broaching in the surf, and return to get more troops and/or supplies. The Higgins boats landed more Allied troops during WWII than all other types of landing craft combined. As our nation marks the 40th anniversary of D-Day, we salute Andrew Jackson Higgins' influence on amphibious warfare and his contribution toward the Allied victory in World War II.

INFORMATION
OF
SPECIAL INTEREST
OR
IMPORTANCE
TO
MARINERS

NM 37/04

HYDROGRAM

National Geospatial-Intelligence Agency
Bethesda, MD 20816-5003

SPECIAL
ANNOUNCEMENTS
NEW PRODUCTS
OR SERVICES
IMPORTANT
CHANGES

11 September 2004

UNITED STATES OF AMERICA NOTICE TO MARINERS CHANGE IN DISTRIBUTION

THE NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY (NGA) IS TRANSITIONING FROM PRODUCING AND DISTRIBUTING HARD COPY NAUTICAL SAFETY PRODUCTS TO DIGITAL DISSEMINATION. EFFECTIVE WITH U.S. NOTICE TO MARINERS NUMBER 1, 2005, NGA WILL NO LONGER DISTRIBUTE HARD COPY VERSIONS OF THE WEEKLY NOTICE TO MARINERS AND WILL MAKE THEM AVAILABLE FREE OF CHARGE VIA THE INTERNET. SEE SECTION III.

NOAA CHART NEW EDITIONS AND THEIR AVAILABILITY

NOAA RECOGNIZES TWO NAUTICAL CHART PRODUCTS: CHARTS-ON-DEMAND AND TRADITIONAL NOAA/NOS PAPER CHARTS. FOR ADDITIONAL INFORMATION, SEE SECTIONS II AND III.

NEW EDITION OF LIST OF LIGHTS

PUB. 111, 2004 EDITION, LIST OF LIGHTS, RADIO AIDS AND FOG SIGNALS FOR THE WEST COASTS OF NORTH AND SOUTH AMERICA (EXCLUDING CONTINENTAL U.S.A. AND HAWAII), AUSTRALIA, TASMANIA, NEW ZEALAND, AND THE ISLANDS OF THE NORTH AND SOUTH PACIFIC OCEANS, IS READY FOR ISSUE. SEE SECTIONS II AND III.

NEW EDITION OF SUMMARY OF CORRECTIONS

SUMMARY OF CORRECTIONS FOR THE WESTERN PACIFIC OCEAN (REGIONS 8 AND 9), VOLUME 4, 2004 EDITION, IS READY FOR ISSUE. THIS EDITION IS PRODUCED BY NGA IN DIGITAL FORMAT ONLY. SEE SECTIONS II AND III.

NEW EDITION OF SAILING DIRECTIONS

PUB. 172, SAILING DIRECTIONS (ENROUTE) RED SEA AND THE PERSIAN GULF, TENTH EDITION, 2004, IS READY FOR ISSUE. THIS EDITION IS PRODUCED BY NGA IN DIGITAL FORMAT ONLY. SEE SECTIONS II AND III.

EXPLANATION OF CONTENTS

The Notice to Mariners contains corrective information affecting nautical charts, the NGA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NGA List of Lights, Radio Navigational Aids and other related nautical publications. The information contained in these corrections is important to safe navigation. It is the user's responsibility to decide which of their charts and publications require correction. Consult the U.S. Coast Guard Local Notice to Mariners for information pertaining to waterways within the United States that are not normally used by oceangoing vessels. Because of the sometimes transitory nature of aids to navigation, depths and port information, local area sources should be consulted whenever possible. This publication is not required to be maintained intact. Portions may be separated for correction or attachment to an affected product. The Notice to Mariners is divided into the following sections:

Section I-1 contains corrections to nautical charts listed in numeric order by chart number. Each chart correction listed applies only to that particular chart. Related charts, if any, will have their own specific correction listed separately. Users should also refer to U.S. Chart 1 Nautical Chart Symbols, Abbreviations and Terms for additional information pertaining to the correcting of charts. The illustration below describes the elements that comprise a typical chart correction:



A chart correction preceded by:

- ★ indicates that it is based upon original U.S. source information.
 - T indicates that it is temporary in nature.
 - P indicates that it is preliminary, and that permanent corrective action will appear in a future Notice to Mariners.
- The letter M immediately following the chart number indicates that the correction should be applied to the metric side of the chart only. The letter M is not a part of the chart number.
- The letter N preceding the current Notice to Mariners number indicates that the affected chart is on Limited Distribution and is normally only for use by U.S. Navy, government-owned or -chartered vessels.
- Courses and bearings are given in degrees true.
- Light sectors are expressed in degrees true from the vessel TOWARD the light.
- The visible range(s) listed for lights is normally the nominal range (the distance at which it can be seen in clear weather), expressed in nautical miles, except in the Great Lakes where it is expressed in statute miles.
- The colors of structures and lights of navigational aids are abbreviated in accordance with Chart 1.
- Section I-2*** contains all chartlets, depth tabulations and notes associated with the chart corrections in Section I-1. Chartlets and depth tabulations supersede all previous information portrayed.
- Section I-3** lists all NGA and NOS charts which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the oldest Summary of Corrections or the chart's announcement, whichever is later.

Section II-1 is a weekly listing of corrections to the NGA Hydrographic Products Catalog, including new charts and publications. It also contains the latest price category information.

Section II-2* contains corrections to navigation publications, including Sailing Directions, Coast Pilots, Fleet Guides, Radio Navigational Aids (Pub. 117), *The American Practical Navigator* and other related nautical publications.

Section II-3* lists weekly updates to the USCG Light Lists.

Section II-4* lists weekly updates to the NGA List of Lights.

Section II-5 lists all NGA, NOS and USCG navigation publications which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the publication's announcement.

Section III-1 lists the message number of all in-force Navigational Warnings, and the text of those warnings promulgated during the previous week. Notice to Mariners Nos. 13, 26 and 39 list a summary of all in-force Navigational Warnings for the preceding quarter. Notice to Mariners No. 52 lists a complete summary of all in-force Navigational Warnings.

Section III-2 contains miscellaneous information of particular interest to the maritime community.

*The left-hand pages of these sections are intentionally blank.

SECTION I
CHART CORRECTIONS

400 (INT 400) 3Ed. 12/25/93 LAST NM 36/04 37/04		
Add Dashed-line circle "Obstn"	26°02'N 96°15'W	
Dashed-line circle "Obstn"	26°03'N 95°57'W	
Dashed-line circle "Obstn"	26°03'N 95°35'W	
Dashed-line circle "Obstn"	26°02'N 94°06'W	
Dashed-line circle "Obstn"	26°37'N 96°17'W	
Dashed-line circle "Obstn"	26°38'N 95°33'W	
Dashed-line circle "Obstn"	26°30'N 94°49'W	
Dashed-line circle "Obstn"	26°37'N 93°56'W	
Dashed-line circle "Obstn"	27°08'N 96°08'W	
Dashed-line circle "Obstn"	27°13'N 95°31'W	
Dashed-line circle "Obstn"	26°55'N 94°43'W	
Dashed-line circle "Obstn"	27°25'N 94°40'W	
Dashed-line circle "Obstn"	27°10'N 93°54'W	
(27/04 CG8)		
401 (INT 401) 5Ed. 6/15/91 LAST NM 36/04 37/04		
Add Dashed-line circle "Obstn"	26°02'N 96°15'W	
Dashed-line circle "Obstn"	26°03'N 95°57'W	
Dashed-line circle "Obstn"	26°03'N 95°35'W	
Dashed-line circle "Obstn"	26°02'N 94°06'W	
Dashed-line circle "Obstn"	26°37'N 96°17'W	
Dashed-line circle "Obstn"	26°38'N 95°33'W	
Dashed-line circle "Obstn"	26°30'N 94°49'W	
Dashed-line circle "Obstn"	26°37'N 93°56'W	
Dashed-line circle "Obstn"	27°08'N 96°08'W	
Dashed-line circle "Obstn"	27°13'N 95°31'W	
Dashed-line circle "Obstn"	26°55'N 94°43'W	
Dashed-line circle "Obstn"	27°25'N 94°40'W	
Dashed-line circle "Obstn"	27°10'N 93°54'W	
(27/04 CG8)		
411 49Ed. 3/03 LAST NM 36/04 37/04		
Add Dashed-line circle "Subm mooring buoy" (cov 32fms)	26°02'N 96°15'W	
Dashed-line circle "Subm mooring buoy" (cov 38fms)	26°03'N 95°57'W	
Dashed-line circle "Subm mooring buoy" (cov 38fms)	26°03'N 95°35'W	
Dashed-line circle "Subm mooring buoy" (cov 38fms)	26°02'N 94°06'W	
Dashed-line circle "Subm mooring buoy" (cov 32fms)	26°37'N 96°17'W	
Dashed-line circle "Subm mooring buoy" (cov 38fms)	26°38'N 95°33'W	
Dashed-line circle "Subm mooring buoy" (cov 38fms)	26°30'N 94°49'W	
Dashed-line circle "Subm mooring buoy" (cov 38fms)	26°37'N 93°56'W	
Dashed-line circle "Subm mooring buoy" (cov 32fms)	27°08'N 96°08'W	
Dashed-line circle "Subm mooring buoy" (cov 38fms)	27°13'N 95°31'W	
Dashed-line circle "Subm mooring buoy" (cov 38fms)	26°55'N 94°43'W	
Dashed-line circle "Subm mooring buoy" (cov 38fms)	27°25'N 94°40'W	
Dashed-line circle "Subm mooring buoy" (cov 38fms)	27°10'N 93°54'W	
(27/04 CG8)		
1116A Ed. 6/03 LAST NM 36/04 37/04		
Substitute Platform [L10] for submerged well (cov 29fms) (See 25/04-1116A)	28°25.8'N 91°54.6'W	
Add Dashed-line circle "Subm mooring buoy" (cov 38fms)	27°24.7'N 94°40.2'W	
Dashed-line circle "Subm mooring buoy" (cov 38fms)	27°09.9'N 93°54.2'W	
Submerged well (cov 14fms) [L20] marked by buoy W Or Fl 2.5s (Priv)	28°54.6'N 92°31.3'W	
"SAFETY ZONE 33CFR147.837 (see note A)" [N2.1] bound by purple composite line joining		
	27°21.4'N 90°11.2'W	
	27°22.0'N 90°11.2'W	
	27°22.0'N 90°10.6'W	
	27°21.4'N 90°10.6'W	
Submerged well (cov 785fms) [L20] (See 13/04-1116A) (NOS; 27, 28/04 CG8)	27°26.8'N 89°43.3'W	
1117A Ed. 4/03 LAST NM 35/04 37/04		
Substitute Platform [L10] for submerged well (cov 10fms) and buoy	27°48.6'N 96°46.8'W	
Add Dashed-line circle "Subm mooring buoy" (cov 32fms)	26°02.0'N 96°15.2'W	
Dashed-line circle "Subm mooring buoy" (cov 38fms)	26°02.9'N 95°57.0'W	
Dashed-line circle "Subm mooring buoy" (cov 38fms)	26°02.8'N 95°35.0'W	
Dashed-line circle "Subm mooring buoy" (cov 38fms)	26°02.2'N 94°05.6'W	
Dashed-line circle "Subm mooring buoy" (cov 32fms)	26°37.4'N 96°17.0'W	
Dashed-line circle "Subm mooring buoy" (cov 38fms)	26°37.5'N 95°32.8'W	
Dashed-line circle "Subm mooring buoy" (cov 38fms)	26°30.4'N 94°48.7'W	
Dashed-line circle "Subm mooring buoy" (cov 32fms)	27°07.8'N 96°08.1'W	
Dashed-line circle "Subm mooring buoy" (cov 38fms)	27°13.1'N 95°30.9'W	
Dashed-line circle "Subm mooring buoy" (cov 38fms)	26°55.4'N 94°43.4'W	
Dashed-line circle "Subm mooring buoy" (cov 38fms)	27°24.7'N 94°40.2'W	
(27/04 CG8)		
★11004 7Ed. 10/29/94 LAST NM 36/04 37/04		
Add Platform [L10]	27°48.6'N 96°46.8'W	
Dashed-line circle "Subm mooring buoy" (cov 58m)	26°02.0'N 96°15.2'W	
Dashed-line circle "Subm mooring buoy" (cov 69m)	26°02.9'N 95°57.0'W	
Dashed-line circle "Subm mooring buoy" (cov 69m)	26°02.8'N 95°35.0'W	
Dashed-line circle "Subm mooring buoy" (cov 69m)	26°02.2'N 94°05.6'W	
Dashed-line circle "Subm mooring buoy" (cov 58m)	26°37.4'N 96°17.0'W	
Dashed-line circle "Subm mooring buoy" (cov 69m)	26°37.5'N 95°32.8'W	
Dashed-line circle "Subm mooring buoy" (cov 69m)	26°30.4'N 94°48.7'W	
Dashed-line circle "Subm mooring buoy" (cov 69m)	26°37.1'N 93°55.7'W	
Dashed-line circle "Subm mooring buoy" (cov 58m)	27°07.8'N 96°08.1'W	
Dashed-line circle "Subm mooring buoy" (cov 69m)	27°13.1'N 95°30.9'W	
Dashed-line circle "Subm mooring buoy" (cov 69m)	26°55.4'N 94°43.4'W	
Dashed-line circle "Subm mooring buoy" (cov 69m)	27°24.7'N 94°40.2'W	
Dashed-line circle "Subm mooring buoy" (cov 69m)	26°30.4'N 94°48.7'W	
Dashed-line circle "Subm mooring buoy" (cov 69m)	26°37.1'N 93°55.7'W	
Dashed-line circle "Subm mooring buoy" (cov 58m)	27°07.8'N 96°08.1'W	
Dashed-line circle "Subm mooring buoy" (cov 69m)	27°13.1'N 95°30.9'W	
Dashed-line circle "Subm mooring buoy" (cov 69m)	26°55.4'N 94°43.4'W	
Dashed-line circle "Subm mooring buoy" (cov 69m)	27°24.7'N 94°40.2'W	
(continued on next page)		

SECTION I

11004	(Continued)			
	Dashed-line circle "Subm mooring buoy" (cov 69m)	27°09.9'N 93°54.2'W		
	"SAFETY ZONE 33CFR147.837 NOTE NO 1" [N2.1] bound by purple composite line joining	27°21.4'N 90°11.2'W 27°22.0'N 90°11.2'W 27°22.0'N 90°10.6'W 27°21.4'N 90°10.6'W		
	Submerged well (cov 1436m) [L20] (See 13/04-11004) (NOS; 27/04 CG8)	27°26.8'N 89°43.3'W		
11009	36Ed. 10/20/01 LAST NM 29/04	37/04		
Add	Buoy "A" Y, Fl Y 4s (Priv) (31/04 CG5)	34°20.6'N 76°25.2'W		
★11300	39Ed. 4/03 LAST NM 35/04	37/04		
Substitute	Platform [L10] for submerged well (cov 10fms) and buoy	27°48.6'N 96°46.8'W		
Add	Dashed-line circle "Subm mooring buoy" (cov 32fms)	26°02.0'N 96°15.2'W		
	Dashed-line circle "Subm mooring buoy" (cov 38fms)	26°02.9'N 95°57.0'W		
	Dashed-line circle "Subm mooring buoy" (cov 38fms)	26°02.8'N 95°35.0'W		
	Dashed-line circle "Subm mooring buoy" (cov 38fms)	26°02.2'N 94°05.6'W		
	Dashed-line circle "Subm mooring buoy" (cov 32fms)	26°37.4'N 96°17.0'W		
	Dashed-line circle "Subm mooring buoy" (cov 38fms)	26°37.5'N 95°32.8'W		
	Dashed-line circle "Subm mooring buoy" (cov 38fms)	26°30.4'N 94°48.7'W		
	Dashed-line circle "Subm mooring buoy" (cov 32fms)	27°07.8'N 96°08.1'W		
	Dashed-line circle "Subm mooring buoy" (cov 38fms)	27°13.1'N 95°30.9'W		
	Dashed-line circle "Subm mooring buoy" (cov 38fms)	26°55.4'N 94°43.4'W		
	Dashed-line circle "Subm mooring buoy" (cov 38fms)	27°24.7'N 94°40.2'W		
	(27/04 CG8)			
★11316	39Ed. 3/03 LAST NM 27/04	37/04		
Delete	Platform Platform	28°13'32"N 95°55'42"W 28°15'24"N 95°52'32"W		
	(27/04 CG8)			
11323	60Ed. 9/03 LAST NM 35/04	37/04		
Add	Tabulation of controlling depths from Subsection I-2			
	(NOS)			
★11324	33Ed. 9/03 LAST NM 33/04	37/04		
Add	Tabulation of controlling depths from Subsection I-2			
	(NOS)			
★11325	35Ed. 5/03 LAST NM 27/04	37/04		
Add	Tabulation of controlling depths from Subsection I-2			
	(NOS)			
11326	32Ed. 11/03 LAST NM 34/04 (Page A, Inset 1)	37/04		
Change	Legend to "37 FT FOR WIDTH OF 300 FT APR 2004"	29°40'56"N 94°59'42"W		
	Legend to "37 FT APR 2004"	29°40'59"N 95°00'22"W		
	(NOS)			
★11328	23Ed. 8/03 LAST NM 27/04	37/04		
Change	Legend to "37 FT FOR WIDTH OF 300 FT APR 2004"	29°40'57.0"N 94°59'37.0"W		
	(NOS)			
11330	15Ed. 10/03 LAST NM 35/04	37/04		
Add	Danger circle "Obstn" [K40] (PA) (27/04 CG8)	29°41.8'N 92°58.4'W		
★11340	68Ed. 6/03 LAST NM 36/04	37/04		
Substitute	Platform [L10] for submerged well (cov 29fms) and buoy	(See 25/04-11340)	28°25.8'N 91°54.6'W	
Add	Dashed-line circle "Subm mooring buoy" (cov 38fms)	27°24.7'N 94°40.2'W		
	Dashed-line circle "Subm mooring buoy" (cov 38fms)	27°09.9'N 93°54.2'W		
	"SAFETY ZONE 33CFR147.837 (see note A)" [N2.1] bound by purple composite line joining	27°21.4'N 90°11.2'W 27°22.0'N 90°11.2'W 27°22.0'N 90°10.6'W 27°21.4'N 90°10.6'W		
	Submerged well (cov 14fms) [L20] marked by buoy W Or Fl 2.5s (Priv)	28°54.6'N 92°31.3'W		
	Submerged well (cov 785fms) [L20] (See 13/04-11340)	27°26.8'N 89°43.3'W		
	(NOS; 27, 28/04 CG8)			
★11341	40Ed. 3/04 LAST NM 35/04	37/04		
Add	Platform [L10] Platform [L10]	(27, 28/04 CG8)	29°43'34"N 93°32'05"W 29°40'53"N 93°26'17"W	
★11342	52Ed. 5/03 LAST NM 36/04	37/04		
Add	Tabulation of controlling depths from Subsection I-2	(NOS)		
★11344	35Ed. 12/02 LAST NM 35/04	37/04		
Add	Danger circle "Obstn" [K40] (PA)	(27/04 CG8)	29°41'47"N 92°58'25"W	
11345	31Ed. 12/02 LAST NM 4/04	37/04		
Add	Danger circle "Obstn" [K40] (PA)	(27/04 CG8)	29°41.8'N 92°58.4'W	
★11351	38Ed. 3/03 LAST NM 33/04	37/04		
Delete	Platform Platform Platform		29°15'10"N 91°24'03"W 29°08'01"N 91°27'42"W 29°08'22"N 91°45'05"W	
Relocate	Buoy "4" from 29°11'27"N 91°32'32"W to 29°11'28"N 91°32'33"W			
Change	Legend to "16 FT BY 400 FT MAY 2004"	(See 14/04-11351)	29°18'28"N 91°26'14"W	
Add	Depth 12 feet	(NOS; 27/04 CG8)	29°15'57"N 91°28'37"W	
11352	37Ed. 12/03 LAST NM 35/04	37/04		
Change	Legend to "16 FT BY 400 FT MAY 2004"	(See 14/04-11352)	29°16.2'N 91°28.7'W	
Add	Depth 12 feet	(NOS)	29°15.9'N 91°28.6'W	
★11353	3Ed. 11/03 LAST NM 34/04	37/04		
Add	Position circle "Pipe" [L23] (PA)	(28/04 CG8)	29°30'47"N 89°14'46"W	

SECTION I

NM 37/04

11354	24Ed. 4/03 LAST NM 15/04 (Side A)	37/04	★11544	38Ed. 2/04 LAST NM 33/04 Add Buoy "A" Y, Fl Y 4s (Priv) (31/04 CG5)	37/04	
Delete Platform		29°15'10"N 91°24'03"W			34°20'36"N 76°25'12"W	
Change Legend to "16 FT BY 400 FT MAY 2004" (See 14/04-11354)		29°18'26"N 91°26'15"W				
Add Depth 12 feet (NOS; 27/04 CG8)		29°15'57"N 91°28'37"W				
★11356	35Ed. 7/03 LAST NM 36/04	37/04	★12200	48Ed. 6/04 NEW EDITION (NOS)	37/04	
Delete Platform		29°08'02"N 91°27'42"W				
Platform		29°15'11"N 91°24'02"W				
Add Platform [L10] (27/04 CG8)		28°56'06"N 91°11'15"W				
★11357	36Ed. 7/03 LAST NM 26/04	37/04	★12270	33Ed. 12/03 LAST NM 15/04 Change Visibility (range) of light "12" to 4M	37/04	
Delete Platform (27/04 CG8)		28°57'11"N 90°31'37"W		38°56'24"N 76°31'39"W		
★11358	52Ed. 6/03 LAST NM 36/04	37/04		Visibility (range) of light "16" to 4M 38°56'57"N 76°32'46"W		
Delete Platform (27/04 CG8)		29°09'15"N 89°47'00"W		Visibility (range) of light "17" to 4M 38°57'11"N 76°33'43"W		
★11361	71Ed. 12/03 LAST NM 34/04	37/04		Visibility (range) of light "18" to 4M 38°57'12"N 76°34'03"W		
Add Range light, front QR 21ft, Q 23ft 5M		28°54'35"N 89°25'54"W		(31/04 CG5)		
Range line extending in 179° direction from rear range light (Iso R 6s) dashed for 1100 yards (See 11/04-11361)		28°54'50"N 89°25'54"W				
Add (Inset Southwest Pass)		Range light, front QR 21ft, Q 23ft 5M				
		28°54'34.5"N 89°25'53.5"W				
		Range line extending in 179° direction from rear range light (Iso R 6s) dashed for 1100 yards, thence solid for 2370 yards (27/04 CG8)				
★11363	39Ed. 9/03 LAST NM 35/04	37/04	★12300	44Ed. 7/04 NEW EDITION Delete Buoy "NW" Buoy "SW" Buoy "SE" (Previously published 33/04)	37/04	
Add Platform [L10]		29°39'33"N 88°43'28"W		41°11.8'N 70°50.3'W		
Platforms (2) [L10]		29°27'29"N 89°19'54"W		41°08.8'N 70°50.0'W		
Position circle "Pipe" [L23] (PA)		29°30'47"N 89°14'46"W		41°08.8'N 70°46.1'W		
(27, 28/04 CG8)						
★11364	39Ed. 11/02 LAST NM 28/04	37/04	★12311	43Ed. 7/04 NEW EDITION Add Danger circle "Anchor and wire Rep (2004)"	37/04	
Add Stranded wreck [K24] (PA)		29°36'50"N 89°53'55"W		39°30'36"N 75°32'36"W		
(27/04 CG8)				(Previously published 29/04)		
11371	36Ed. 6/03 LAST NM 12/04	37/04		Delete Range light, front	39°40'46"N 75°31'02"W	
Add Legend "Shoaling to 28½ft rep"		30°20'04"N 89°04'10"W		Range light, rear	39°41'08"N 75°30'06"W	
Legend "Shoaling to 26ft rep"		30°21'29"N 89°05'30"W				
(27/04 CG8)				Range line (dashed) between	39°40'42"N 75°31'06"W	
11372	31Ed. 3/04 LAST NM 25/04 (Side B)	37/04		Note: Range bearing unchanged	39°41'08"N 75°30'06"W	
Add Legend "Shoaling to 28½ft rep (2004)"		30°20'03.8"N 89°04'09.5"W		Add Range light, front Iso 2s 30ft (Day),		
		Legend "Shoaling to 26ft rep (2004)"		Iso G 2s 27ft (Night)	39°40'42"N 75°31'06"W	
		30°21'28.5"N 89°05'30.0"W		Range light, rear F 86ft (Day), FG 89ft (Night),		
(27/04 CG8)				2 Fl 4s 41ft 6M	39°41'04"N 75°30'41"W	
				(Previously published 32/04)		
★11373	43Ed. 9/03 LAST NM 36/04	37/04		Delete Buoy "WR2M"	39°40'46"N 75°31'04"W	
Add Legend "Shoaling to 28.5ft rep"		30°20'04"N 89°04'10"W		(Previously published 36/04)		
Legend "Shoaling to 26ft rep"		30°21'29"N 89°05'30"W		Change Visibility (range) of light "2" to 4M	39°30'14"N 75°34'06"W	
(27/04 CG8)				(NOS; 31/04 CG5)		
11520	41Ed. 7/03 LAST NM 29/04	37/04	★12316	30Ed. 11/03 LAST NM 36/04 (Side A)	37/04	
Add Buoy "A" Y, Fl Y 4s (Priv) (31/04 CG5)		34°20.6'N 76°25.2'W		Delete Legend "Bridge being removed" and indicating arrow	39°18'27"N 74°33'14"W	
11525	6Ed. 9/23/00 LAST NM N29/04	N37/04		Substitute Double dashed line with land tint for double solid line and land tint between	39°18'25"N 74°33'28"W	
Add Buoy "A" Y, pillar, Fl Y 4s (Priv) (31/04 CG5)		34°20.6'N 76°25.2'W			39°17'51"N 74°33'25"W	
					Double solid line with land tint for dashed solid line and land tint between	39°18'24"N 74°33'27"W
						39°17'52"N 74°33'23"W
				Change Legend to "FIXED BRIDGE AUTH CL HOR CL 178 FT VERT CL 65FT"	39°17'42"N 74°33'18"W	

(continued on next page)

SECTION I

12316	(Continued)			
Add (NOS)	Legend "Bridge being removed"	39°18'21"N 74°33'30"W		
12364	34Ed. 3/03 LAST NM 31/04 (Page A)	37/04		
Change	Legend to "27 FT 2003"	41°10'15"N 73°10'14"W		
Add (NOS)	Depth 17 feet	41°09'45"N 73°10'44"W		
*12369	25Ed. 6/02 LAST NM 28/04 Change Legend to "27 FT 2003" Legend to "21 FT 2003"	37/04 41°10'11.7"N 73°10'26.2"W 41°09'46.0"N 73°10'40.0"W		
Add (NOS)	Depth 17 feet	41°09'44.7"N 73°10'44.0"W		
*13209	24Ed. 6/04 NEW EDITION (NOS)	37/04		
14024	5Ed. 4/1/95 LAST NM 47/03 Change Light to Fl G 5s 46m 15M (2(4015)04 Ottawa)	37/04 47°33.4'N 56°44.1'W		
14217	Ed. 9/25/98 LAST NM N43/03 Change Period of light (Fl 2s) to 3s (2(1223)04 Ottawa)	48°24.9'N 68°53.6'W	N37/04	
14340	25Ed. 11/4/95 LAST NM 15/04 Change Light to Fl G 5s 46m 15M (2(4015)04 Ottawa)	37/04 47°33.6'N 56°44.1'W		
14341	5Ed. 6/3/95 LAST NM 49/03 Change Light to Fl G 5s 46m 15M (2(4015)04 Ottawa)	37/04 47°33'28"N 56°44'44"W		
*16084	7Ed. 6/04 NEW EDITION (NOS)	37/04		
*16104	5Ed. 6/04 NEW EDITION (NOS)	37/04		
18010	20Ed. 2/10/01 LAST NM 36/04 Delete HORN from buoy "PP" (31/04 CG11)	37/04 37°28.2'N 122°30.8'W		
18022	34Ed. 11/03 LAST NM 36/04 Delete HORN from buoy "PP" (31/04 CG11)	37/04 37°28.3'N 122°30.4'W		
*18502	85Ed. 6/04 LAST NM 33/04 Relocate Light from 46°57'02.5"N 124°06'20.0"W to 46°57'01.0"N 124°06'25.2"W (31/04 CG13)	37/04		
*18504	65Ed. 3/03 LAST NM 27/04 Relocate Light "33" from 46°42'08.0"N 123°50'02.0"W to 46°42'05.4"N 123°49'58.6"W and change visibility (range) to 4M	37/04		
Change	Visibility (range) of light "2" to 4M	46°30'07.0"N 124°01'27.0"W		
(31/04 CG13)				
*18524	34Ed. 6/04 LAST NM 31/04 Relocate Beacon "2" from 45°52'22.0"N 122°47'55.0"W to 45°52'26.1"N 122°47'55.9"W (31/04 CG13)	37/04		
*18584	47Ed. 8/25/01 LAST NM 27/04 Relocate Light "2" from 43°42'25.8"N 124°05'09.7"W to 43°42'23.4"N 124°05'10.4"W and change visibility (range) to 3M (30/04 CG13)	37/04		
18645	24Ed. 7/1/00 LAST NM 36/04 Delete HORN from buoy "PP" (31/04 CG11)	37/04 37°28.3'N 122°30.9'W		
18680	30Ed. 3/3/01 LAST NM 36/04 Delete HORN from buoy "PP" (31/04 CG11)	37/04 37°28.4'N 122°30.9'W		
*18682	14Ed. 11/03 LAST NM 10/04 Delete HORN from buoy "PP" (31/04 CG11)	37/04 37°28'20.2"N 122°30'49.3"W		
*19369	5Ed. 7/8/00 LAST NM 30/04 Substitute Buoy "3" G, can for beacon "3" Buoy "4" R, nun for beacon "4" (31/04 CG14)	37/04 21°16'48.0"N 157°50'45.5"W 21°16'47.0"N 157°50'44.0"W		
*21401	20Ed. 12/13/97 LAST NM 7/03 Add Position circle "Dol" [F20] (PA) (NTM0012/2004)	37/04 16°50'54.8"N 99°54'00.0"W		
*21602	1Ed. 3/20/99 LAST NM 18/04 (Plan Puerto Balboa) Add Legend "Reported dredged to 12 meters alongside Pier 1 (2004)" (See 28/02-21602) (NTM0012/2004)	37/04 8°57'09.9"N 79°34'25.5"W		
24133	6Ed. 10/26/96 LAST NM 36/04 Delete Range line and legends "6", "5", "Range C", and "Towers in line 341°30'" between	37/04 25°27'49"S 48°19'19"W 25°30'57"S 48°18'10"W		
	Note: Position circles "TR" (2) remain			
	Range line and legends "4", "Range B", "3", and "Towers in line 316°30'" between			
	25°30'12"S 48°18'58"W 25°31'50"S 48°17'16"W			
	Note: Position circles "TR" (2) remain			
	Range line and legend "2" between 25°29'19"S 48°17'54"W 25°30'41"S 48°17'16"W			
	Note: Position circle "TR" remains (9(53)04 Rio de Janeiro)			
24141	4Ed. 6/27/92 LAST NM 5/03 Delete Range line and legends "(no.6)", "(no.5)", "Range "C""", and "Trs in line 341°30'" between	37/04 25°27'47"S 48°19'16"W 25°30'55"S 48°18'08"W		
	Note: Position circles "Tr" (2) remain			
	Range line and legends "(no.4)", "Range "B""", "(no.3)", and "Trs in line 316°30'" between			
	25°30'15"S 48°18'50"W 25°32'44"S 48°16'14"W			
	Note: Position circles "Tr" (2) remain			
	Range line and legends "(no.2)", "(no.1)", "Range "A""", and "Trs in line 337°" between			
	25°29'18"S 48°17'51"W 25°36'15"S 48°14'35"W			
	Note: Position circles "Tr" (2) remain (9(53)04 Rio de Janeiro)			
24162	9Ed. 8/3/96 LAST NM 36/04 Add Light Fl G 3s to buoy	37/04 22°52'12.0"S 43°07'33.5"W		
	Light Fl G 3s to buoy	22°52'01.2"S 43°07'13.9"W		
	(9(51)04 Rio de Janeiro)			
25601	34Ed. 7/1/95 LAST NM 20/02 (Panel B) Delete Depth 31 meters	37/04 16°45'58"N 62°13'55"W		
	Substitute Depth 16.3 meters for 17.4 meters	16°45'56"N 62°14'06"W		
	Depth 23.5 meters for 30 meters	16°46'06"N 62°13'43"W		

(continued on next page)

SECTION I

NM 37/04

25601	(Continued)			
Add	Depth 28.8 meters (BA CH 254)	16°46'05"N 62°13'54"E		"Works in Progress (2004) (works traffic only)" area bound by dashed line and shore joining
35001	Ed. 11/98 LAST NM N28/04	N37/04		51°26'01.4"N 0°42'11.9"E 51°25'52.2"N 0°42'17.5"E 51°25'54.1"N 0°42'45.7"E 51°26'01.1"N 0°42'44.8"E 51°26'06.7"N 0°42'40.6"E
Add	Note from Subsection I-2 in left upper margin of chart (30(3397)04 Taunton)			(31(3470)04 Taunton)
35002	Ed. 10/93 LAST NM N19/04	N37/04		
Delete	Depth 29.5 meters "Well"	55°16.4'N 2°12.3'E		
	Buoy	55°16.5'N 2°12.3'E		
Add	Dangerous wreck [K28]	55°17.1'N 3°27.0'E		
	Buoy YBY, pillar, double cone topmark points together, VQ(9) 10s, Racon (D) (29(3294), 3302)04 Taunton	55°17.0'N 3°26.6'E		
35003	Ed. 1/86 LAST NM N19/04	N37/04		
Add	Note from Subsection I-2 in left upper margin of chart (30(3397)04 Taunton)			
35004	Ed. 3/99 LAST NM N19/04	N37/04		
Change	Legend to "Adjoining Chart 1407 (see Note)" in lower left margin of chart			
Add	Note from Subsection I-2 centered	56°04.0'N 0°49.0'W		
	Note from Subsection I-2 in left upper margin of chart (30(3397), 32(3634)04 Taunton)			
35005	Ed. 7/94 LAST NM N30/04	N37/04		
Delete	Purple outline of chart 244	57°40.3'N 0°47.8'E		
	Purple outline of chart 244	57°51.3'N 0°07.3'E		
Add	Note from Subsection I-2 in left upper margin of chart			
	Note from Subsection I-2 centered	57°11.0'N 1°46.5'E		
	Note from Subsection I-2 centered	57°07.0'N 1°34.0'E		
	Depth 105 meters Wk [K26]	55°59.4'N 0°50.6'W		
	Depth 87 meters Obstn [K41]	57°34.0'N 0°53.7'W		
	Submarine pipeline [L40.1] with legend "Oil & Gas (See Note)" between	57°38.5'N 1°22.3'E 57°39.9'N 1°08.9'E		
	"Restricted Area" bound by purple composite-line circle, radius 0.27 mile, centered on well (See N23/04-35005)	57°38.5'N 1°22.3'E		
	(29(3297), 3301), 31(3523), 32(3608), 3634)04 Taunton			
35046	Ed. 10/03 LAST NM N32/04	N37/04		
Delete	Note "CAUTION: CHARTS NOT REFERRED TO A WGS84 COMPATIBLE DATUM" in left upper margin of chart (32(3634)04 Taunton)			
35050	Ed. 9/02 LAST NM N28/04	N37/04		
Delete	Note "CAUTION: CHARTS NOT REFERRED TO A WGS84 COMPATIBLE DATUM" in left upper margin of chart (32(3634)04 Taunton)			
35051	Ed. 8/00 LAST NM N33/04	N37/04		
Delete	Note "CAUTION: CHARTS NOT REFERRED TO A WGS84 COMPATIBLE DATUM" in left upper margin of chart (32(3634)04 Taunton)			
37030	Ed. 12/00 LAST NM N28/04	N37/04		
Add	Buoy Y, conical, "X" topmark, Fl Y 5s 51°25'52.2"N 0°42'17.5"E			
	Buoy Y, conical, "X" topmark, Fl Y 10s 51°25'54.1"N 0°42'45.7"E			
37036	Ed. 9/7/00 LAST NM N34/04	N37/04		
Change	Light to Iso 6s 30m 6M (occas) & 2 FG (vert)	51°27'03.6"N 0°20'57.0"E		
Add	Depth 7.6 meters (29(3218)04 Taunton)	51°27'01.1"N 0°20'34.4"E		
37038	Ed. 9/7/00 LAST NM N34/04	N37/04		
Add	Depth 7.6 meters	51°27'01.1"N 0°20'34.4"E		
	Depth 7.9 meters	51°26'52.2"N 0°23'24.0"E		
	Depth 9.9 meters	51°30'11.4"N 0°33'18.6"E		
	Light Iso 6s 6M (occas)	51°27'03.6"N 0°20'57.0"E		
★37051	Ed. 3/27/03 NEW CHART (NGA)	N37/04		
★37054	Ed. 4/24/03 NEW CHART	N37/04		
Add	Buoy "Bathside" R, can, Fl(2) R 5s (NGA; 23(2638)04 Taunton)	51°56'55.7"N 1°15'53.6"E		
★37055	Ed. 10/19/00 NEW CHART	N37/04		
Add	Depth 30 meter Wk [K26]	52°51'58"N 3°06'47"E		
	Depth 38 meter Well [L21.2]	52°54'44"N 2°14'51"E		
★37056	Ed. 1/29/04 NEW CHART	N37/04		
Add	Drying height [I15] 0.3 meter Foul ground symbol [K31] (NGA; 16(1756), 22(2453)04 Taunton)	52°34'48.6"N 1°47'22.8"E 52°33'10.8"N 1°45'13.2"E		
37080	3Ed. 12/28/96 LAST NM 33/04	37/04		
Substitute	Depth 64 meters Wk for 72 meters Wk	49°51.4'N 1°36.5'W		
Add	Depth 46 meters Wk [K26] (4(25)04 Brest)	49°58.5'N 2°20.1'W		
37090	8Ed. 2/8/97 LAST NM 32/04	37/04		
Substitute	Depth 64 meters Wk for 72 meters Wk	49°51.4'N 1°36.5'W (4(25)04 Brest)		
★37145	23Ed. 8/22/98 CHART CANCELED (NGA)	37/04		
★37149	10Ed. 6/13/98 CHART CANCELED (NGA)	37/04		
★37150	8Ed. 12/20/97 CHART CANCELED (NGA)	37/04		
★37161	14Ed. 3/15/97 CHART CANCELED (NGA)	37/04		
37264	3Ed. 9/13/97 LAST NM 33/04	37/04		
Change	Characteristic of light to Fl(4) R 15s 49°38'47.4"N 1°37'07.2"W			
	Characteristic of light to Fl(3) R 12s 49°38'54.6"N 1°37'04.8"W			
	Characteristic of light to Fl(4) G 15s 49°38'44.4"N 1°37'10.2"W			
	Characteristic of light to Fl(3) G 12s 49°38'52.8"N 1°37'09.0"W (4(24)04 Brest)			

37281	15Ed. 1/25/97 LAST NM 33/04 Change Characteristic of light to Fl(4) R 15s Characteristic of light to Fl(3) R 12s Characteristic of light to Fl(4) G 15s Characteristic of light to Fl(3) G 12s (4(24)04 Brest)	37/04 49°38'47.4"N 1°37'07.2"W 49°38'54.6"N 1°37'04.8"W 49°38'44.4"N 1°37'10.2"W 49°38'52.8"N 1°37'09.0"W	43081	4Ed. 6/7/97 LAST NM 16/04 Add Danger circle [K40] "Obstn (Marine farm)" Danger circle [K40] "Obstn (Marine farm)" Danger circle [K40] "Obstn (Marine farm)" Danger circle [K40] "Obstn (Marine farm)" (10(469)04 Stavanger)	37/04 70°42'46"N 23°49'29"E 70°31'59"N 23°43'47"E 70°30'27"N 23°49'03"E
37328	2Ed. 7/19/97 LAST NM 33/04 Add Light VQ(9) 10s to buoy (24(23)03 Brest)	37/04 48°24'32"N 4°57'00"W	43082	5Ed. 7/26/97 LAST NM 30/04 Add Danger circle [K40] "Obstn (Marine farm)" Danger circle [K40] "Obstn (Marine farm)" Danger circle [K40] "Obstn (Marine farm)" Danger circle [K40] "Obstn (Marine farm)" (10(467, 469, 470)04 Stavanger)	37/04 70°33'13"N 22°56'00"E 70°32'02"N 23°43'18"E 70°30'26"N 23°48'55"E 70°40'08"N 23°09'30"E
37403	23Ed. 2/15/97 LAST NM 41/03 Change Characteristic of light to Fl R 4s Light to Fl(2) R 10s 11m 12M	37/04 45°34'06.0"N 1°03'42.0"W 45°37'00.0"N 1°01'48.0"W	43083	4Ed. 9/7/96 LAST NM 23/04 Add Danger circle [K40] "Obstn (Marine farm)" (10(467)04 Stavanger)	37/04 70°33'14"N 22°56'08"E
	(Plan A) Change Light to Fl(2) R 10s 11m 12M	45°37'00.0"N 1°01'48.0"W	43360	21Ed. 1/4/97 LAST NM 30/04 Add Depth 100 meters Wk [K26] (20(1901)04 Norrkoping)	37/04 58°30.3'N 10°42.8'E
	(Plan B) Change Characteristic of light to Fl R 4s (Fr LL)	45°34'07.0"N 1°03'42.0"W	43375	7Ed. 8/22/92 LAST NM 23/04 Add Depth 100 meters Wk [K26] (20(1901)04 Norrkoping)	37/04 58°30'18"N 10°42'48"E
37420	(INT 1804) 1Ed. 2/27/88 LAST NM 9/04 Change Characteristic of light to Fl(2) R (Fr LL)	37/04 45°37'00"N 1°01'48"W	44015	8Ed. 7/22/95 LAST NM 36/04 Add Depth 21.7 meters Wk [K26] (23(1941)04 Norrkoping)	37/04 55°52.2'N 17°17.9'E
37441	4Ed. 3/4/95 LAST NM 15/02 Change Characteristic of light to Iso R 4s (Fr LL)	37/04 43°31'53.4"N 1°31'20.4"W	44042	7Ed. 8/22/92 LAST NM 28/04 Delete Range lights (2), range line and legend "Lts in line 054°12'" between 57°41'27.8"N 11°51'32.4"E 57°41'05.0"N 11°50'30.0"E (23(1944)04 Norrkoping)	37/04
37443	2Ed. 4/12/97 LAST NM 7/04 Change Characteristic of light to Iso R (Fr LL)	37/04 43°31'50.0"N 1°31'26.3"W	44100	7Ed. 3/9/96 LAST NM 32/04 Add Depth 11 meters Depth 13 meters (23(1950)04 Norrkoping)	37/04 55°22.8'N 13°46.4'E 55°22.8'N 13°48.1'E
37461	9Ed. 7/8/00 LAST NM 35/04 Add Buoy Y, spherical, Fl(5) Y 20s with legend "ODAS"	37/04 43°23'52"N 3°07'56"W	44120	7Ed. 2/22/97 LAST NM 27/04 Delete Depth 20 meters Add Depth 11 meters Depth 13 meters (23(1950)04 Norrkoping)	37/04 55°22.5'N 13°46.3'E 55°22.8'N 13°46.4'E 55°22.8'N 13°48.1'E
	(Plan) Change Period of light to 12s (See 35/04, 36/03-37461) (14(143)04 Cadiz; Spn LL)	43°20'35.5"N 3°01'57.0"W	44140	8Ed. 7/20/96 LAST NM 25/04 Add Depth 21.7 meters Wk [K26] (23(1941)04 Norrkoping)	37/04 55°52.2'N 17°17.9'E
43030	24Ed. 4/5/97 LAST NM 30/04 Add Depth 100 meters Wk [K26] (20(1901)04 Norrkoping)	37/04 58°30.3'N 10°42.8'E	44160	7Ed. 4/5/97 LAST NM 29/04 Delete Submarine cable between Submarine cable between Position circle "R Sta" Relocate Buoy from 56°53.6'N 18°07.6'E to (16(1850), 18(1883), 23(1954)04 Norrkoping)	37/04 57°16.9'N 18°05.7'E 57°17.5'N 17°58.3'E 57°16.9'N 18°05.7'E 57°16.8'N 17°57.8'E 58°11.5'N 16°51.1'E 56°53.4'N 18°07.5'E
43058	3Ed. 2/7/98 LAST NM 16/04 Substitute Depth 24 meters for 30 meters Depth 24 meters for 29 meters	37/04 71°04'00"N 25°54'28"E 71°03'56"N 25°55'12"E	44161	2Ed. 6/8/96 LAST NM 28/04 (Plan Kalmar) Delete Buoy Add Buoy G, spar, cone topmark Buoy R, spar (20(1897)04 Norrkoping)	37/04 56°40'28.0"N 16°23'14.5"E 56°40'33.5"N 16°23'13.0"E 56°40'18.8"N 16°22'39.7"E
	Add Depth 18.5 meters (10(472)04 Stavanger)	71°04'00"N 25°53'10"E			
43059	3Ed. 9/6/97 LAST NM 16/04 Substitute Depth 24 meters for 30 meters Depth 24 meters for 29 meters	37/04 71°04'00"N 25°54'28"E 71°03'56"N 25°55'12"E			
	Add Depth 18.5 meters (10(472)04 Stavanger)	71°04'00"N 25°53'10"E			
43060	4Ed. 11/4/95 LAST NM 16/04 Substitute Depth 24 meters for 29 meters	37/04 71°03.9'N 25°55.0'E			
	Add Depth 18.5 meters (10(472)04 Stavanger)	71°04.0'N 25°53.2'E			
43080	4Ed. 12/28/96 LAST NM 22/04 Add Danger circle [K40] "Obstn (Marine farm)"	37/04 70°40.2'N 22°46.4'E			
	Danger circle [K40] "Obstn (Marine farm)"	70°43.9'N 23°20.8'E			
	(10(470, 471)04 Stavanger)				

SECTION I

NM 37/04

44180	6Ed. 7/6/91 LAST NM 33/04 Substitute Superbuoy ODAS [Q58] Fl(2) with legend "5 buoys" for buoy (See 3/04-44180)	37/04 58°56.1'N 19°09.6'E	51103	10Ed. 5/4/02 LAST NM 34/04 Add Chartlet, depicting changes in hydrography and topography, from Subsection I-2 42°14'00.0"N 8°44'42.0"W (22(365)03 Cadiz)	37/04
	Add Depth 1.7 meters Rk [K14.2] (18(1841, 1887)04 Norrkoping)	59°25.9'N 19°24.7'E			
44221	1Ed. 8/12/89 LAST NM 11/04 (Panel A) Delete Solid line (recommended track) between 62°44'20"E 18°00'18"E 62°45'54"N 18°03'24"E	37/04	51104	1Ed. 5/4/02 LAST NM 34/04 Add Chartlet, depicting changes in hydrography and topography, from Subsection I-2 42°14'00.0"N 8°44'42.0"W (22(365)03 Cadiz)	37/04
	(Panel B) Delete Solid line (recommended track) between 62°52'00"N 17°54'25"E 62°53'53"N 17°54'26"E				
	(Plan B) Delete Solid line (recommended track) between 62°52'42"N 17°54'30"E 62°53'54"N 17°54'24"E (20(1914)04 Norrkoping)		51341	23Ed. 5/18/96 LAST NM 15/04 (Plan) Change Light to Fl(4) G 11s 6m 3M 28°27'21.4"N 16°14'51.0"W Light to Fl G 5s 6m 1M 28°27'34.8"N 16°14'45.0"W Light to Fl(4) R 11s 8m 3M 28°27'25.2"N 16°14'55.2"W Light to Fl R 5s 6m 1M 28°27'34.0"N 16°14'51.6"W (See 30/00-51341)	37/04
				Add Beacon YB, double cone topmark points downward, Q(6) + L Fl 15s 15m 3M (16(172)04 Cadiz; Spn LL)	28°27'03.0"N 16°15'13.8"W
44240	8Ed. 7/19/97 LAST NM 20/04 Substitute Beacon BY, double cone topmark points upward, Q 12m 4M for light	37/04 63°11.1'N 20°43.0'E	52160	7Ed. 9/27/86 LAST NM 14/04 Delete Buoy 33°52.1'N 12°04.5'E Buoy 33°50.7'N 12°04.5'E Danger circle "Obstn" 33°51.5'N 12°04.5'E	37/04
	Add Racon [S3.1] (28(694)01 Helsinki)	63°07.8'N 20°41.9'E		Add Buoy (mooring) [Q40] 33°52.5'N 12°03.7'E Platform "BD1" with light flare symbol [L10] 33°51.8'N 12°03.6'E Legend "AL JURF OILFIELD" centered 33°53.0'N 12°13.0'E Light flare symbol to superbuoy SBM "Didon" 33°47.1'N 11°53.6'E	
44281	2Ed. 4/6/96 LAST NM 19/04 Add Buoy Y, spar, "X" topmark (20(1909)04 Norrkoping)	37/04 65°30'48"N 22°10'07"E		Position circle "FPSO Farwah" 33°51.0'N 12°02.0'E (31(3463), 33(3736)04 Taunton)	
44283	2Ed. 4/6/96 LAST NM 13/04 Add Buoy Y, spar, "X" topmark Buoy Y, spar, "X" topmark (20(1909)04 Norrkoping)	37/04 65°30'48.0"N 22°10'07.2"E 65°28'22.8"N 22°04'21.0"E	*53082	14Ed. 7/24/04 NEW EDITION (NGA)	37/04
44341	7Ed. 10/17/98 LAST NM 31/04 Add Depth 2.5 meters enclosed by depth contour (5-meter) (29(714)01 Helsinki)	37/04 60°14'15"N 25°14'40"E	54440	4Ed. 10/5/85 LAST NM 34/04 Change Visibility (range) of light to 12M (30(3328)04 Taunton)	37/04 34°38.9'N 33°01.7'E
44360	9Ed. 10/12/96 LAST NM 36/04 Delete Depth 18 meters 60°08.3'N 28°35.8'E Depth 10 meters 59°54.1'N 27°10.0'E Depth 8.4 meters 60°13.4'N 27°39.2'E (17(2512)04 St. Petersburg)	37/04	54463	5Ed. 6/29/96 LAST NM 27/04 (Plan A) Change Visibility (range) of light to 12M 34°38'59.2"N 33°01'55.5"E Light to Fl R 3s 12m 6M 34°40'07.5"N 33°02'33.8"E (See 17/97-54463)	37/04
44410	4Ed. 2/8/97 LAST NM 36/04 Substitute Superbuoy ODAS [Q58] Fl(2) with legend "5 buoys" for buoy (See 3/04-44410) (18(1887)04 Norrkoping)	37/04 58°56.1'N 19°09.6'E		(Plan D) Change Visibility (range) of light to 12M 34°38'59.2"N 33°01'30.0"E (30(3328)04 Taunton)	
44420	6Ed. 12/14/96 LAST NM 36/04 Delete Buoy 56°22.8'N 20°33.5'E Submarine cable between 57°16.9'N 18°05.7'E 57°17.5'N 17°59.1'E Submarine cable between 57°16.9'N 18°05.7'E 57°16.4'N 17°59.8'E	37/04	55001 (INT 310) 4Ed. 1/21/95 LAST NM 36/04 Change Light to Fl WR 10/8M 41°00.5'N 38°49.3'E (30(3323)04 Taunton)		37/04
	Relocate Buoy from 56°53.6'N 18°07.6'E to 56°53.4'N 18°07.5'E		55105 7Ed. 2/6/99 LAST NM 9/04 Change Light to Fl WR 10/8M (30(3323)04 Taunton)		37/04 41°00.5'N 38°49.3'E
	Substitute Depth 18 meters Wk for 15 meters Wk 56°22.9'N 20°33.5'E (See 40/03-44420) (7(55, 56)04 Riga; 18(1883), 23(1954)04 Norrkoping)		55150 2Ed. 6/15/96 LAST NM 31/04 Change Light to Fl R 5s 10M (30(3334)04 Taunton)		37/04 41°27.6'N 31°46.8'E
44430	2Ed. 6/22/96 LAST NM 30/04 Delete Buoy 56°22.8'N 20°33.5'E	37/04	55160 2Ed. 6/1/96 LAST NM 3/04 Change Light to Fl WR 3s 31m 10/8M (30(3323)04 Taunton)		37/04 41°00.5'N 38°49.3'E
	Substitute Depth 18 meters Wk for 15 meters Wk 56°22.9'N 20°33.5'E (See 40/03-44430) (7(55, 56)04 Riga)				

SECTION I

57014	11Ed. 11/15/97 LAST NM 14/01 Add "Artificial Reef" area bound by dashed line joining (7(797)03 Taunton)	37/04	Substitute Depth 102 meters Wk [K26] for wreck 6°40.0'S 12°10.4'E 6°37.3'S 12°10.4'E 6°37.3'S 12°05.0'E 6°40.0'S 12°05.0'E (7(264)04 Wollongong)	33°03'48"S 151°51'35"E 32°54'58"S 151°56'28"E 33°04'14"S 152°02'08"E 32°59'14"S 151°55'14"E
57200	6Ed. 4/3/99 LAST NM 52/03 Delete Pilot station symbol (7(795)03 Taunton)	37/04	Add Pilot station symbol [T1.1] Legend "(disused)" (7(264)04 Wollongong)	1°26.8'S 8°53.1'E 1°30.4'S 8°54.0'E 1°12.1'S 8°52.9'E
57260	3Ed. 6/1/96 LAST NM 28/04 Add "Artificial Reef" area bound by dashed line joining (7(797)03 Taunton)	37/04	74153 2Ed. 3/4/95 LAST NM 19/04 Delete Wreck Danger circle "Obstrn" (See 41/03-74153)	6°40.0'S 12°10.4'E 6°37.3'S 12°10.4'E 6°37.3'S 12°05.0'E 6°40.0'S 12°05.0'E 32°54'51.0"S 151°56'43.2"E 32°58'56.4"S 151°55'06.6"E
57381	12Ed. 7/12/97 LAST NM 27/04 (Plan) Substitute Depth 12.3 meters for 12.5 meters (6(56)04 Cape Town)	37/04	Add Depth 52 meters Wk [K26] Dashed line with legend "Foul" joining (7(264)04 Wollongong)	1°25.3'37.8"S 14°30'04.5"E 32°59'13.8"S 151°54'27.6"E 32°59'03.0"S 151°54'12.0"E 32°58'12.0"S 151°55'27.0"E 32°58'48.0"S 151°55'51.0"E 32°59'13.8"S 151°55'14.4"E
61100	4Ed. 9/23/95 LAST NM 12/03 Substitute Depth 10 meters for 17.6 meters (7(62)04 Cape Town)	37/04	74296 4Ed. 4/17/99 LAST NM 15/04 Delete Dashed line between (10(399)04 Wollongong)	28°48.6'S 32°07.5'E 10°33'13"S 142°07'58"E 10°33'23"S 142°03'05"E
61141	6Ed. 8/10/91 LAST NM 14/04 Relocate Buoy "P" from 19°52'50"S 34°57'26"E to 19°52'53"S 34°57'44"E Buoy "2" from 19°53'40"S 34°55'06"E to 19°54'07"S 34°55'22"E (See 14/04-61141) (7(MOZ 27)04 Cape Town)	37/04	74493 3Ed. 8/9/97 LAST NM 45/02 Add Anchor berth "11" [N11.2], radius 0.5 mile, centered Anchor berth "12" [N11.2], radius 0.5 mile, centered Anchor berth "13" [N11.2], radius 0.5 mile, centered Anchor berth "14" [N11.2], radius 0.5 mile, centered Anchor berth "15" [N11.2], radius 0.5 mile, centered (7(278)04 Wollongong)	19°52'53"S 34°57'44"E 19°53'40"S 34°55'06"E 19°54'07"S 34°55'22"E 20°32'33"S 117°19'27"E 20°32'18"S 117°20'45"E 20°33'21"S 117°20'18"E 20°31'39"S 117°18'06"E 20°30'12"S 117°17'24"E 37/04
61142	6Ed. 6/29/91 LAST NM 14/04 Relocate Buoy "1" from 19°52'19.2"S 34°49'30.2"E to 19°52'23.1"S 34°49'35.3"E Buoy "3A" from 19°53'42.7"S 34°50'50.5"E to 19°53'38.0"S 34°50'52.4"E Buoy "4" from 19°52'46.2"S 34°53'31.5"E to 19°52'41.5"S 34°53'42.8"E (See 9, 14/04-61142) (7(MOZ 27)04 Cape Town)	37/04	75130 16Ed. 8/26/95 LAST NM 22/04 Add "Anchoring Prohibited" area [N20] bound by purple composite line joining (7(279)04 Wollongong)	19°53'33.5"S 34°51'04.8"E 19°52'23.1"S 34°49'35.3"E 19°53'38.0"S 34°50'52.4"E 19°52'41.5"S 34°53'42.8"E 34°46.6'S 138°21.6'E 34°47.1'S 138°24.6'E 34°47.3'S 138°24.6'E 34°47.9'S 138°21.6'E 37/04
★62188	4Ed. 7/17/04 NEW EDITION (NGA)	37/04	75134 3Ed. 11/18/95 LAST NM 22/04 Add "Anchoring Prohibited" area [N20] bound by purple composite line joining (7(279)04 Wollongong)	34°46'35"S 138°21'34"E 34°47'05"S 138°24'35"E 34°47'19"S 138°24'35"E 34°47'54"S 138°21'34"E 37/04
62360	5Ed. 3/11/95 LAST NM 12/03 Add Pilot station symbol [T1.1] (24(2703)04 Taunton)	37/04	75222 8Ed. 5/30/98 LAST NM 1/04 Add (Plan A) "Anchoring Prohibited" area [N20] bound by purple composite line joining (7(279)04 Wollongong)	24°33.3'N 56°37.7"E 34°46'35.4"S 138°21'33.6"E 34°47'05.4"S 138°24'35.4"E 34°47'18.6"S 138°24'35.4"E 34°47'54.0"S 138°21'33.6"E 37/04
62361	2Ed. 6/15/96 LAST NM N12/03 Add Pilot station symbol [T1.1] (24(2703)04 Taunton)	N37/04	Change Legend to "Swing Basin Maintained depth 9.2 m" (10(404)04 Wollongong)	24°33.3'N 56°37.7"E 34°46'35.4"S 138°21'33.6"E 34°47'05.4"S 138°24'35.4"E 34°47'18.6"S 138°24'35.4"E 34°47'54.0"S 138°21'33.6"E Latitude limit in lower left corner along neatline of plan border to "41°11'38.0"S (10(404)04 Wollongong)
74000	6Ed. 9/9/95 LAST NM 41/03 Substitute Depth 118 meters Wk [K26] for wreck Depth 102 meters Wk [K26] for wreck Foul ground symbol [K31] for danger circle "Obstrn" (See 41/03-74000) (7(264)04 Wollongong)	37/04		33°04.3'S 152°02.1'E 33°03.8'S 151°51.6'E 32°58.9'S 151°55.1'E 34°47'05.4"S 138°24'35.4"E 34°47'18.6"S 138°24'35.4"E 34°47'54.0"S 138°21'33.6"E 37/04
74151	9Ed. 3/11/95 LAST NM 19/04 Delete Wreck Wreck Danger circle "Obstrn" (See 41/03-74151)	37/04		32°54'55"S 151°56'43"E 33°04'20"S 152°02'09"E 32°58'56"S 151°55'07"E 41°11'02.0"S 146°21'52.2"E

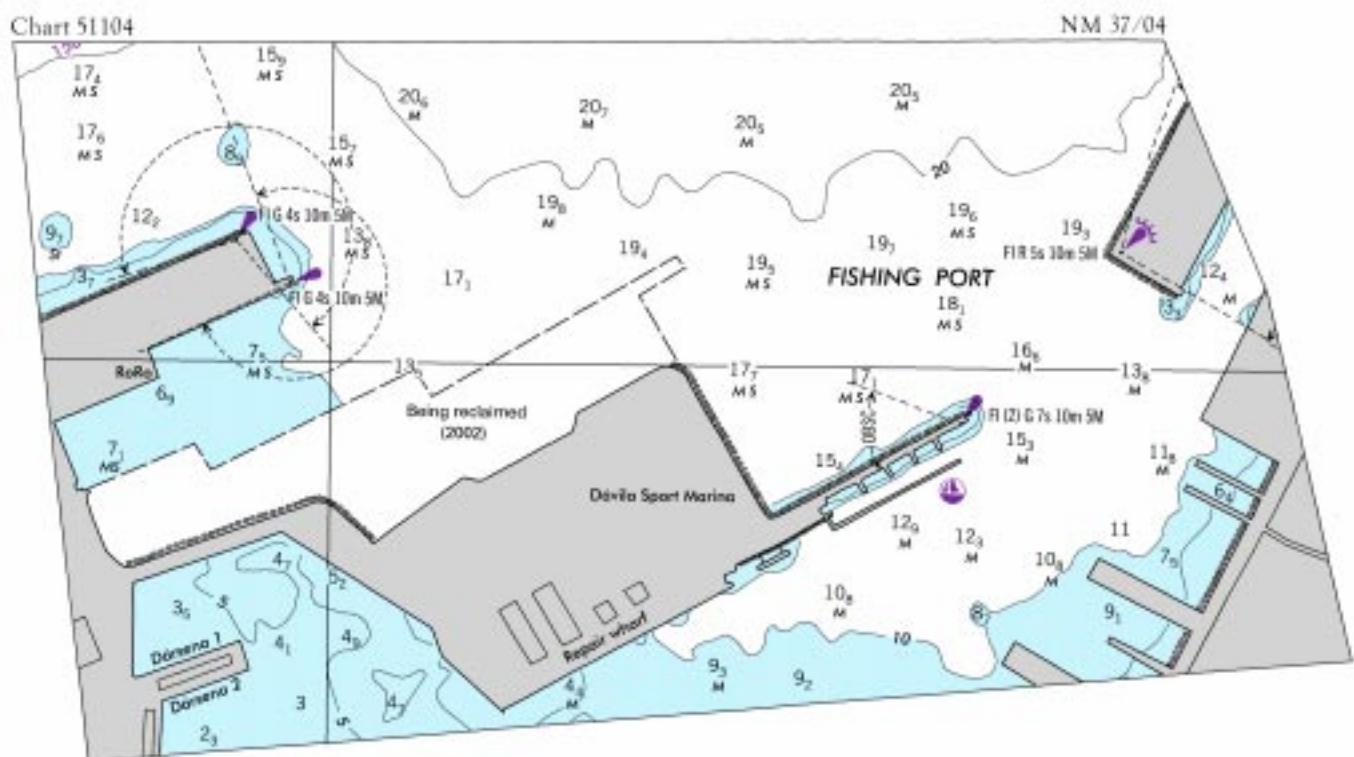
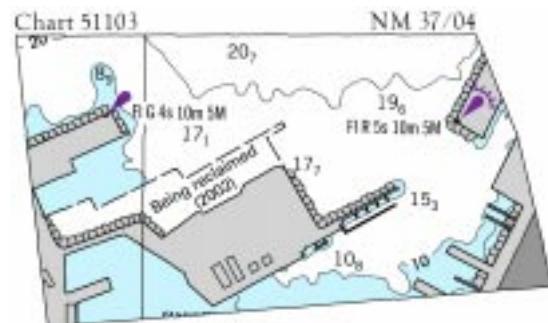
SECTION I

NM 37/04

76070	9Ed. 6/22/96 LAST NM 3/04 Change Light to Fl 10s 79m 19M, Fl R 10s 70m 10M (BA LL)	37/04 41°06.2'S 174°26.5'E Note: Sectors remain unchanged	Purple tint area (traffic separation zone) [M13] bound by limit joining 14°26.2'N 120°42.8'E 14°26.2'N 120°43.1'E 14°15.4'N 120°33.8'E 14°11.1'N 120°32.2'E 14°11.2'N 120°32.0'E 14°15.5'N 120°33.6'E
76081	7Ed. 9/22/90 LAST NM 37/03 Change Light to Fl 10s 79m 19M, Fl R 10s 70m 10M (BA LL)	37/04 41°06'12"S 174°26'30"E Note: Sectors remain unchanged	Purple heavy dashed line (outside limit of traffic lane) [M15] joining 14°11.5'N 120°31.3'E 14°15.9'N 120°33.0'E 14°26.2'N 120°41.8'E
★83637	4Ed. 1/31/98 LAST NM 40/01 Delete Buoy "16" (31/04 CG14)	37/04 16°44'30.0"N 169°31'01.0"W	Purple heavy dashed line (outside limit of traffic lane) [M15] joining 14°26.2'N 120°44.0'E 14°15.0'N 120°34.5'E 14°10.9'N 120°32.9'E
91020	5Ed. 2/11/84 LAST NM 46/03 Add Purple heavy dashed line [M15] between 14°23.8'N 120°32.5'E 14°25.6'N 120°37.1'E Purple heavy dashed line (outside limit of traffic lane) [M15] between 14°24.4'N 120°32.3'E 14°26.2'N 120°37.0'E Purple heavy dashed line (outside limit of traffic lane) [M15] between 14°23.2'N 120°32.8'E 14°25.0'N 120°37.1'E Open-outlined arrow indicating flow of traffic [M10] oriented 247° 14°25.0'N 120°34.5'E Open-outlined arrow indicating flow of traffic [M10] oriented 067° 14°24.0'N 120°34.5'E Purple tint area (traffic separation zone) [M13] bound by limit joining 14°26.2'N 120°42.8'E 14°26.2'N 120°43.1'E 14°15.4'N 120°33.8'E 14°11.1'N 120°32.2'E 14°11.2'N 120°32.0'E 14°15.5'N 120°33.6'E	Open-outlined arrow indicating flow of traffic [M10] oriented 220° 14°25.6'N 120°41.8'E Open-outlined arrow indicating flow of traffic [M10] oriented 220° 14°21.8'N 120°38.5'E Open-outlined arrow indicating flow of traffic [M10] oriented 220° 14°16.7'N 120°34.1'E Open-outlined arrow indicating flow of traffic [M10] oriented 200° 14°12.5'N 120°32.0'E Open-outlined arrow indicating flow of traffic [M10] oriented 020° 14°11.5'N 120°32.7'E Open-outlined arrow indicating flow of traffic [M10] oriented 040° 14°16.0'N 120°34.8'E Open-outlined arrow indicating flow of traffic [M10] oriented 040° 14°21.2'N 120°39.3'E Open-outlined arrow indicating flow of traffic [M10] oriented 040° 14°25.6'N 120°43.0'E Note from subsection I-2 (799)03 Manila 14°03.0'N 120°42.0'E	
94123	9Ed. 5/11/96 LAST NM 24/04 Add Depth 8.6 meters, blue tint and enclosing depth contour (10-meter) centered (BA CH 2619)	37/04	
94124	13Ed. 3/30/96 LAST NM 24/04 Add Depth 8.6 meters, blue tint and enclosing depth contour (10-meter) centered (BA CH 2619)	37/04 25°11'58.4"N 121°47'23.4"E	
95162	2Ed. 2/12/94 LAST NM 34/04 Change Height of light to 18m (ROK LL)	37/04 37°32'24.0" N 129°07'00.0"E	
95180	11Ed. 6/15/96 LAST NM 35/04 Change Height of light to 18m (ROK LL)	37/04 37°32'24"N 129°07'00"E	
95185	2Ed. 2/12/94 LAST NM 35/03 Change Height of light to 18m (ROK LL)	37/04 37°32'24.0" N 129°07'00.0"E	
91280	7Ed. 1/30/99 LAST NM 46/03 Add Purple heavy dashed line [M15] between 14°23.8'N 120°32.5'E 14°25.6'N 120°37.1'E Purple heavy dashed line (outside limit of traffic lane) [M15] between 14°24.4'N 120°32.3'E 14°26.2'N 120°37.0'E Purple heavy dashed line (outside limit of traffic lane) [M15] between 14°23.2'N 120°32.8'E 14°25.0'N 120°37.1'E Open-outlined arrow indicating flow of traffic [M10] oriented 247° 14°25.5'N 120°36.1'E Open-outlined arrow indicating flow of traffic [M10] oriented 247° 14°24.3'N 120°33.1'E Open-outlined arrow indicating flow of traffic [M10] oriented 067° 14°23.8'N 120°33.3'E Open-outlined arrow indicating flow of traffic [M10] oriented 067° 14°25.1'N 120°36.5'E		

SECTION I

NM 37/04



SECTION I

NM 37/04

Chart 11323

NM 37/04

GALVESTON BAY ENTRANCE - CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUN 2004								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW TIDE (MLT).						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH (FEET)
ENTRANCE CHANNEL	38.0	41.0	41.0	37.0	5-04	800-1000	7.5	45
OUTER BAR CHANNEL	35.0	44.0	46.0	52.0	1-04	800	1.5	45
INNER BAR CHANNEL	37.0	41.0	42.0	34.0	1-04	800	2.9	45

INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS. DEPTHS ARE REFERENCED TO A LOCAL DREDGING REFERENCE CALLED MEAN LOW TIDE. FOR AN APPROXIMATE CONVERSION TO MEAN LOWER LOW WATER, ADD 1 FOOT TO EACH DEPTH IN THE TABULATION.

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11324

NM 37/04

GALVESTON BAY AND HOUSTON SHIP CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUN 2004								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW TIDE (MLT).						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH (FEET)
GALVESTON HARBOR:								
ENTRANCE CHANNEL	38.0	41.0	41.0	37.0	5-04	800-1000	7.5	45
OUTER BAR CHANNEL	35.0	44.0	46.0	52.0	1-04	800	1.5	45
INNER BAR CHANNEL	37.0	41.0	42.0	34.0	1-04	800	2.9	45
BOLIVAR ROADS CHANNEL	47.0	49.0	47.0	41.0	1-04	800	0.7	45
HOUSTON SHIP CHANNEL:								
BOLIVAR ROADS TO LOWER END OF MORGAN PT.	36.0	41.0	42.0	34.0	1-04	400-530	23.4	40
GALVESTON CHANNEL	29.0	36.0	30.0	20.0	1-04	1125-1075	3.5	40
TEXAS CITY CHANNEL	39.0	43.0	42.0	40.0	5-04	400	5.9	40
TEXAS CITY TURNING BASIN	41.0	40.0	39.0	36.0	5-04	1200	0.5	40

INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS. DEPTHS ARE REFERENCED TO A LOCAL DREDGING REFERENCE CALLED MEAN LOW TIDE. FOR AN APPROXIMATE CONVERSION TO MEAN LOWER LOW WATER, ADD 1 FOOT TO EACH DEPTH IN THE TABULATION.

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

SECTION I

NM 37/04

Chart 11325

NM 37/04

HOUSTON SHIP CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUN 2004								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW TIDE (MLT).						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
HOUSTON SHIP CHANNEL: EXXON OIL CO. SLIP								
TO CARPENTERS BAYOU (A)	34.0	36.0	41.0	36.0	11-03	400-525	4.90	40
THENCE TO GREENS BAYOU (B)	36.0	40.0	37.0	32.0	3-04	400-300	4.70	40
GREENS BAYOU CHANNEL (TO FIRST BEND)	28.0	29.0	31.0	34.0	5-04	500-175	0.34	36
THENCE TO HUNTING BAYOU (UPPER BEND)	37.0	41.0	42.0	39.0	3-04	300	1.91	40
TURNING POINT AT HUNTING BAYOU	38.0	42.0	41.0	40.0	3-04	600	0.17	40
THENCE TO SOUTHERN PACIFIC SLIP	37.0	40.0	40.0	36.0	3-04	300	3.04	40
TURNING POINT AT SIMS BAYOU	40.0	40.0	41.0	40.0	3-04	700	0.26	40
THENCE TO HOUSTON TURNING BASIN WHARF 15	32.0	34.0	35.0	33.0	5-04	300	2.69	36
TURNING POINT AT BRADY ISLAND	30.0	37.0	40.0	39.0	1-04	422	0.17	36
HOUSTON TURNING BASIN	31.0	32.0	34.0	31.0	11-03	250-1000	0.70	36
UPPER TURNING BASIN	18.0	17.0	16.0	11.0	5-04	150	0.23	36
A. CHANNEL WIDENS 125 FEET IN LEFT OUTSIDE QUARTER IN VICINITY OF EXXON OIL CO.								
B. CHANNEL NARROWS IN VICINITY OF THE SHELL OIL CO. SLIP.								
INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS. DEPTHS ARE REFERENCED TO A LOCAL DREDGING REFERENCE CALLED MEAN LOW TIDE. FOR AN APPROXIMATE CONVERSION TO MEAN LOWER LOW WATER, ADD 1 FOOT TO EACH DEPTH IN THE TABULATION.								
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Chart 11342

NM 37/04

SABINE PASS - SABINE - NECHES CANAL CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUN 2004								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
SABINE PASS:								
OUTER BAR CHANNEL	42	42	42	40	1-04	800	3.0	42
JETTY CHANNEL	35	43	42	31	4-04	800-500	3.5	40
PASS CHANNEL	21	27	40	25	1-04	500-1150	4.9	40
ANCHORAGE BASIN	33	21	11	1	1-04	1500	0.5	40
PORT ARTHUR SHIP CANAL	36	41	39	34	5-04	500	4.8	40
JUNCTION PORT ARTHUR-SABINE NECHES CANALS	35	41	37	36	5-04	400-1200	1.1	40
ENTRANCE TO PORT ARTHUR TURNING BASINS	36	39	39	37	4-04	282-735	0.2	40
EAST TURNING BASIN	39	39	39	38	4-04	370-547	0.3	40
WEST TURNING BASIN	38	38	39	38	4-04	350-735	0.3	40
CHANNEL CONNECTING WEST BASIN AND TAYLOR BAYOU TURNING BASIN	38	42	41	37	4-04	200-350	0.5	40
TAYLOR BAYOU TURNING BASIN	23	38	39	33	4-04	90-1233	0.6	40
SABINE-NECHES CANAL:								
PORT ARTHUR TO NECHES RIVER	23	36	33	25	1-04	400	9.6	40
NECHES RIVER TO SABINE RIVER	26	26	26	24	1-04	200	3.9	30
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Chart 35001

NM N37/04

CAUTION: CHARTS REFERRED TO A WGS84 COMPATIBLE DATUM.
Caution must be exercised in the transfer of positions from this chart to those adjoining/larger scale/smaller scale charts which are referred to a WGS84 compatible datum. For further details, including an example of the calculation of the WGS84 position, see Annual Notice to Mariners No.19.

SECTION I

NM 37/04

Chart 35003

NM N37/04

CAUTION: CHARTS REFERRED TO A WGS84 COMPATIBLE DATUM.
Caution must be exercised in the transfer of positions from this chart to those adjoining/larger scale/smaller scale charts which are referred to a WGS84 compatible datum. For further details, including an example of the calculation of the WGS84 position, see Annual Notice to Mariners No.19.

Chart 35004

NM N37/04

CHARTS 1407 AND 1409: POSITIONS
To agree with the adjoining charts 1407 and 1409 which are referred to ETRS89 Datum, positions read from chart 273 must be adjusted by 0.04 minutes SOUTHWARD and 0.10 minutes WESTWARD.

Chart 35004

NM N37/04

CAUTION: CHARTS REFERRED TO A WGS84 COMPATIBLE DATUM.
Caution must be exercised in the transfer of positions from this chart to those adjoining/larger scale/smaller scale charts which are referred to a WGS84 compatible datum. For further details, including an example of the calculation of the WGS84 position, see Annual Notice to Mariners No.19.

Chart 35005

NM N37/04

CAUTION: CHARTS REFERRED TO A WGS84 COMPATIBLE DATUM

Caution must be exercised in the transfer of positions from this chart to those larger scale/ smaller scale/ adjoining charts which are referred to a WGS84 compatible datum. For further details, including an example of the calculation of the WGS84 position, see Annual Notice to Mariners No. 19.

Chart 35005

NM N37/04

CHART 213 AND 1409: POSITIONS

To agree with the larger scale chart 213 and the adjoining chart 1409 which are referred to ETRS89 Datum, positions read from chart 278 must be adjusted by 0.04 minutes SOUTHWARD and 0.10 minutes WESTWARD.

Chart 35005

NM N37/04

CHART 115: POSITIONS

To agree with the adjoining chart 115 which is referred to OSGB36 Datum, positions read from chart 278 must be adjusted by 0.03 minutes SOUTHWARD and 0.01 minutes EASTWARD.

Chart 91280

NM 37/04

Note

The Traffic Separation Schemes on this chart are not adopted by the IMO.

CHARTS AFFECTED BY NOTICE TO MARINERS NM 29/03 THROUGH NM 37/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
12	1	27/04	11300	39	30,31,32,34,35,36,44,45, 50,51/03;5,6,7,10,15,18, 20,23,25,34,35,37/04	11361	71	11*,12,13,17,19,23,24, 25,27,33,34,37/04	11467	38	5,14,16,29/04
13	1	27/04	11301	23	32/03;1,7,17,25,27/04	11362	4	N29,N30,N34,N35,N37, N38,N49,N50,N51, N52/03;N1,N2,N3,N5, N7,N11,N13,N14,N15, N20,N22,N25,N35, N36/04	11468	40	16/04*
21	4	4/04	11302	30	48/03*;1,7,17,27/04	11363	39	47*,50,51/03;1,4,5,6,12, 13,14,17,20,23,25,26,28, 32,34,35,37/04	11469	6	36/04*
22	1	4/04	11304	13	33/04*	11364	39	30,33,34,35,43,50,51/03; 1,4,6,13,14,21,25,26,28, 37/04	11470	36	40/03;16,29/04
50	6	32*,34,40,50/03	11305	1	N32/03;N1,N13,N23, N26,N36/04	11471	1	N32/04*			
53	2	34,50/03	11307	36	35,52/03;1/04	11472	31	40/03;14,32,34/04			
70	4	34/03	11308	22	32/03;13,23,36/04	11474	10	52/03			
71	4	34/03	11309	37	48*,50/03;1,13,23,36/04	11475	17	25*,34/04			
103	5	9/04	11310	1	N32/03;N1,N12/04	11476	20	22*,29/04			
105	4	28/04	11311	23	1,12,36/04	11477	6	N15,N29/04			
108	9	34,39/03;19,21/04	11312	3	32/03;1,13,25,26,36/04	11478	20	32*,50,52/03;13,29/04			
120	6	39/03	11313	22	36,52/03;4,14,20,25/04	11479	4	N31,N34,N40,N52/03; N19/04			
124	10	34,39/03;27/04	11314	23	15/04*	11480	38	30/03*;14,21,31,34/04			
145	16	39/03;27/04	11315	31	48/03*	11481	5	22*,29/04			
200	3	37/03	11316	39	29,34/03;1,15,27,37/04	11484	22	11*,29/04			
204	4	4/04	11317	30	12*,19,27/04	11486	15	36/03*			
211	5	4/04	11318	1	N44,N50/03;N1,N13, N23,N36/04	11488	24	50/03;16/04			
301	1	35/04	11319	31	29,30,34/03	11489	35	19*,29,32,34/04			
302	1	35/04	11320	1	N52/03	11490	17	50/03;14/04			
310	20	52/03;6,35/04	11321	29	31,34/03;7,10,13,14,18, 20,33,35/04	11491	33	30,34,50,52/03;14,32, 36/04			
400	3	29,33,34/03;6,19,25,27, 36,37/04	11322	28	30,34,35,42,47/03;1,7,14, 17,27/04	11493	9	N31/03;N14,N29/04			
401	5	29,33,34,44/03;6,19,21, 25,27,36,37/04	11323	60	47*,49,51/03;1,3,5,6,9, 15,17,19,20,25,26,35, 37/04	11494	8	N14,N29,N32,N34/04			
402	4	27/04	11324	33	47*,49,52/03;1,14,17,19, 20,26,27,33,37/04	11496	9	N34/03;N5,N14,N21, N29,N31,N34/04			
411	49	29,30,31,33,44,52/03;1,5, 6,16,19,21,25,36,37/04	11325	35	38,42,47/03;1,14,17,27, 37/04	11498	16	14/04			
500	8	32*,34,41/03	11326	32	15*,16,17,19,20,23,26, 33,34,37/04	11502	29	18*,29,32/04			
501	12	40,41/03;4,6,11,19,35/04	11327	31	46*,52/03;1,14,16,17,19, 27,33,34/04	11503	40	2*,14,29,32,34/04			
502	2	40,44/03;11/04	11328	23	43*,52/03;1,2,4,6,7,14, 17,23,27,37/04	11505	2	25,31,36/04			
503	4	1,27/04	11329	35	48*,49,52/03;2,6,7,14,17, 23,27,33/04	11506	40	34,43,51,52/03;14,16,21, 29/04			
504	4	23,26/04	11330	15	50*,51/03;1,2,4,5,6,7,10, 13,14,15,17,20,23,25,26, 34,35,37/04	11507	31	16,32/04			
510	3	40/03;17/04	11331	19	12*,14,25,36/04	11508	21	32/04			
511	4	17/04	11332	29	24*,25,26,27,35/04	11509	28	31/04*			
512	2	11,20/04	11333	1	N35/03	11510	19	25*,32/04			
513	7	34/04*	11340	68	37*,38,45,46,49,50,51, 52/03;1,2,3,4,5,6,7,10,13, 14,15,16,17,19,20,23,25, 26,32,33,34,35,36,37/04	11511	17	36/04*			
514	7	16/04*	11341	40	18*,25,26,27,35,37/04	11512	59	34,43,51,53/03;14,16,21, 25,29,31,36/04			
520	127	34,40,41/03;4,11,26,27, 35/04	11342	52	29,31,34,35,42,46,47/03; 1,6,13,14,17,27,36,37/04	11513	24	30*,34/04			
521	11	34,50/03;11,20/04	11343	37	48*,49,52/03;2,7,13,14,16, 17,23,24,33,34,35/04	11514	26	34,43,51/03;14,16,21,25, 31,36/04			
523	8	34,50/03;11,20,26/04	11344	25	23/03;1,2,4,6,7,14,17,23, 27,33,34/04	11515	27	30/04*			
524	12	34/03	11345	31	38/03/3,17,27,36,37/04	11516	30	43*,50/03;29,32,34/04			
525	3	40/03	11346	33	32,42,51/03;2,7,13,14,16, 17,23,24,33,34/04	11518	33	50/03;14,15,29,31/04			
526	10	26/04	11347	23	19*,20,23,24,26,33,34, 35/04	11520	41	38*,39,50/03;1,2,5,7,8, 14,27,29,37/04			
530	30	34,40,41,44,50/03;4,7,11, 19,21,23,26,27,33,34/04	11348	20	43*,47,51/03;4,24,25, 36/04	11521	27	30/04*			
531	22	21/04*	11349	41	22*,23,25,33,35/04	11522	19	39/03;14/04			
532	17	34,50/03;11,15,20/04	11350	25	43/03*	11523	22	36/04*			
540	17	16*,23,26/04	11351	38	30,31,34,35,36,37/04	11524	47	18*,21,29,31,36/04			
541	2	26/04	11352	37	12*,13,14,15,16,17,23,27, 37/04	11525	6	N39,N50/03;N1,N2,N5, N7,N8,N25,N7,N29, N37/04			
600	5	45/03	11353	3	9*,13,14,19,26,28,34, 36/04	11527	16	14,15,16,21,29/04			
601	4	38/03	11354	37	28/03/15/04	11531	21	39/03			
602	6	38/03	11355	31	12*,31,32,34,36/04	11532	20	39,43,50/03			
604	5	38/03;22/04	11356	41	30*,36/04	11534	33	19/04*			
607	1	45/03	11357	37	18*,20,23,27,35,37/04	11535	12	39/03;14/04			
623	9	36/03	11358	37	23/04*	11536	17	18*,27/04			
624	3	7/04	11359	24	31,34,38,43,46,47/03; 4,5,9,14,16,17,24,34,35, 37/04	11537	35	18*,19/04			
703	4	44/03	11360	20	43*,47,51/03;4,24,25, 36/04	11541	34	51/03*,9,11,12,19,31, 33/04			
706	4	44/03	11361	35	12*,31,32,34,36/04	11542	16	14,15,16,21,29/04			
707	2	34,44/03	11362	36	10/04*	11543	21	39/03			
708	3	34,36/03	11363	29	38/03*,33/04	11545	61	16*,19,31,33/04			
800	4	15,20/04	11364	37	11/04*	11547	36	16*,19,31,33/04			
803	1	15/04	11365	31	33/04*	11548	39	12/04*			
1113A		52/03;16,32,36/04	11366	33	12*,31,32,34,36/04	11550	29	28/04*			
1114A		30*,36/04	11367	35	10*,14,15,36/04	11554	39	18/04*			
1115A		29,30,34,35,37,38,49,50, 51,52/03;1,2,3,5,7,11,13, 14,15,20,22,25,35,36/04	11368	36	38*,52/03;14,15/04	11555	39	18/04*			
1116A		37*,38,45,46,49,50,51,52/03; 1,2,3,4,5,6,7,10,13, 14,15,16,17,19,20,23,25, 26,32,33,34,35,36,37/04	11369	33	15,16/04	11556	42	38/03;1,19/04			
1117A		30,31,32,34,35,36,44,45, 50,51/03;5,6,7,10,15,18, 20,23,25,34,35,37/04	11370	34	15*,19/04	11557	35	18*,27/04			
5161	13	48/03*	11371	35	11/04*	11558	41	51/03*,9,11,12,19,31, 33/04			
11004	7	29,30,32,34,36,37,38,44, 51/03;1,3,4,5,6,10,13,14, 15,16,18,23,25,32,36, 37/04	11372	36	11/04*,14,31,32/04	11559	61	16*,19,31,33/04			
11006	31	47*,49,50/03;3,5,6,13,16, 20,29,32,36/04	11373	36	9/04*	11560	36	12/04*			
11009	36	39,52/03;5,21,29,37/04	11374	37	12/04*	11561	39	12/04*			
11013	45	38*,40,50,52/03;16, 19/04	11375	31	11/04*	11562	45	30/04*			
11359	11	49,50/03;19,32/04	11376	34	11/04*	11563	75	48*,50/03;2,9,11,19,28, 35,36/04			
11360	40	29,30,34,35,37,38,49,50, 51,52/03;1,2,3,5,7,11,13, 14,15,20,22,25,35,36/04	11377	36	11/04*	11564	36	16*,19,31,33/04			
11446	36	30*,31,34,36/04	11378	37	11/04*	11565	36	16*,19,31,33/04			
11447	36	11/04*,14,31,32/04	11379	37	11/04*	11566	36	16*,19,31,33/04			
11450	9	12/04*	11380	37	11/04*	11567	36	16*,19,31,33/04			
11451	31	11,14,31/04	11381	37	11/04*	11568	36	16*,19,31,33/04			
11460	39	15*,19/04	11382	37	11/04*	11569	36	16*,19,31,33/04			
11461	5	39,52/03	11383	25	12/04*	11570	36	16*,19,31,33/04			
11462	24	11,31/04	11384	25	12/04*	11571	36	16*,19,31,33/04			
11463	17	11,31/04	11385	25	12/04*	11572	36	16*,19,31,33/04			
11464	16	31/04	11386	26	12/04*	11573	36	16*,19,31,33/04			
11465	36	40/03	11387	26	12/04*	11574	36	16*,19,31,33/04			
11466	36	30*,31,40/03;11,14/04	11388	26	12/04*	11575	61	3*,20,26,28,33/04			

**CHARTS AFFECTED BY NOTICE TO MARINERS
NM 29/03 THROUGH NM 37/04**

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
14833	26	18*,19,24/04	15066	5	32,47/03	16561	1	29,35,44/03;25/04	17377	1	16/04
14835	31	7/04	15067	2	47,49/03	16566	10	29,44,49/03	17378	14	17/04*
14836	27	10/04	15069	4	47/03	16570	10	32/04*	17379	1	16/04
14837	27	5/04	15070	3	49/03	16575	1	1/04	17381	10	16/04
14839	36	43,49,51/03;5,8,33/04	15074	1	6/04	16576	4	47/03*	17382	15	36/03;13,16,28/04
14841	28	14*,30/04	15080	1	47/03	16580	12	9*,18,32/04	17383	2	31/04*
14842	13	46*,51/03;10,26/04	15083	6	14/04	16590	10	1/04	17384	8	15/04*
14843	23	18/04*	15160	5	50/03	16591	9	16/04*	17385	14	13,16,18/04
14844	32	18*,26/04	15163	2	50/03	16592	9	1,18/04	17386	3	16,18/04
14845	27	14*,26/04	15300		N10/04	16593	11	1/04	17387	13	16/04
14846	12	16*,33/04	15444		N19/04*	16594	13	1/04	17400	16	44/03;14,16,32/04
14847	30	43,47/03;33/04	15563		N20/04*	16595	14	1/04	17401	11	18/04*
14848	56	15,20/04	15690		N35/03	16596	12	1/04	17402	10	16/04
14850	52	2*,24/04	15946		N47/03	16597	8	1,28/04	17403	13	16/04
14852	45	2,10,15,21,24,26,36/04	16003	16	36,48/03	16598	9	1,28/04	17404	12	16/04
14853	14	10,15,21,24,26,36/04	16004	11	48/03	16599	6	1,28/04	17405	14	46/03;16,18,26/04
14854	13	15/04	16005	9	36,48/03	16601	10	1/04	17406	7	17*,26/04
14860	35	26,30/04	16006	33	32,35,36/03;1,15,21,27,	16603	8	48/03*	17407	15	10/04*
14862	28	26,30/04			28,31/04	16604	11	1/04	17408	8	34/04*
14864	26	1,8/04	16011	35	29,31,32,35,44,50/03;1,	16605	8	1/04	17409	10	44/03;16/04
14865	16	26/04			27,28,31/04	16606	11	1/04	17412	2	49/03
14867	26	39/03*,25/04	16012	21	34,50/03	16608	4	46/03*	17413	2	44/03;32/04
14869	26	8/04	16013	29	10*,32/04	16640	24	17,17/04	17420	26	36/03;13,30/04
14871	2	34/03	16016	20	9/04*	16645	18	1/04	17422	8	13,29/04
14880	31	15/04*	16041	8	48/03	16646	12	1,25/04	17423	13	13/04
14881	31	8/04	16067	7	1/04	16647	3	1/04	17424	7	22/04*
14883	43	15*,19/04	16081	6	1/04	16648	4	1/04	17426	13	19/04
14886	11	41/03*	16082	7	25/04*	16660	29	17/04*	17427	7	36/03
14901	14	7,10,26/04	16083	6	9/04*	16661	6	17/04	17428	7	36,43/03;13,29/04
14902	28	8,10,26/04	16084	7	37/04*	16663	7	17/04*	17429	2	N13,N29/04
14903	23	31/03*,2,7/04	16085	6	15/04*	16665	8	15/04*	17430	10	36/03;13/04
14904	26	40/03*,1,26/04	16086	7	18/04*	16680	10	32,37/03;15/04	17431	11	21/04*
14905	30	45/03*,7/04	16087	7	5/04*	16682	16	17/04*	17432	7	23/04*
14906	23	32/04	16102	5	9/04*	16683	10	17/04*	17434	12	33/04*
14907	25	10/04	16104	5	37/04*	16700	28	40*,43,50/03;11,12,	17435	16	40,49/03;13/04
14908	18	22/04*	16124	6	3/04*			14/04	17436	6	19/04
14909	19	49/03;10/04	16200	13	36/03	16701	19	37/03*,12/04	17436	7	22/04*
14910	23	24/04	16204	6	22/04*	16702	11	37/03*,12/04	17438	12	36/03;22,30/04
14911	20	10/04	16206	7	46/03,5/04	16704	13	12/04	17441	7	22,30/04
14912	17	31/03*	16220	5	36/03;15/04	16705	19	43/03;12/04	17443	12	36/04
14913	18	31/03*,8,10,15,20/04	16240	10	15/04*	16706	10	12/04	17445	2	36/03;22,30/04
14916	10	1,19,26/04	16300	9	25*,32/04	16707	10	5,12,17,26/04	17460		N19/04*
14918	27	23*,24,26/04	16305	10	25/04*	16708	25	50/03;12/04	17464	4	12/04
14919	27	1,7/04	16315	10	1/04	16709	22	11,12,26/04	17470		N41/03
14922	19	5,32/04	16322	8	22/04*	16710	16	10,12,14/04	17471		N47/03*
14924	27	49/03;2/04	16323	9	3/04*	16711	2	12/04	17472	4	36,41/03
14925	23	33/04*	16338	4	17*,28/04	16712	1	12/04	17480	4	36/03
14926	10	32*,47/03;7,8,10,20, 24/04	16343	7	1/04	16713	2	12/04	17482		N41/03
14927	24	47/03;7,8/04	16363	12	10/04	16723	15	6,12/04	17483		N41/03
14928	21	7,10,20/04	16380	14	32/04*	16741	10	16/04*	17484	3	41/03;31/04
14929	24	7/04	16382	10	6/04	16760	10	12/04	17485	4	41/03
14930	25	15*,32/04	16420	10	46/03*	16762	9	12,14/04	17513		N9,N12/04
14932	23	15,19,32/04	16423	2	47/03	17003	4	35,36/03;6/04	17515	7	36,43/03;12,33/04
14933	24	1,30,32/04	16431	7	50/03*	17005	10	34,35,43/03;3,6,30,31,	17517	8	34/03;30/04
14934	27	1/04	16432	11	3/04*			35/04	17518	7	41,47/03;10,17/04
14935	21	1,10/04	16433	8	14/04*	17008	12	36/03	17520	2	N34/03
14937	24	10/04	16434	6	29/04*	17300	30	39/03	17523		N19/04*
14938	23	1,7/04	16435	6	24/04*	17302	18	49/03;32/04	17524		N49/03
14942	25	1/04	16442	7	41/03*	17303	10	24*,32/04	17525		N43/03
14961	12	3*,26/04	16450	2	34/04*	17317	20	18/04*	17528		N19/04*
14962	20	16/04*	16462	6	32/04*	17318	5	39/03	17543	17	43/03;14/04
14964	21	18/04*	16463	7	3/04*	17320	16	14/04*	17545	13	43/03;12,14/04
14965	21	2/04	16474	8	18/04*	17323	10	29,39/03;5,25,31/04	17546	22	34,35,43/03;14/04
14966	26	15/04*	16477	7	18/04*	17324	13	39/03,5/04	17548	28	43/03;30/04
14967	22	26/04	16478	10	5/04*	17325	7	29/03	17549	6	3/04
14970	25	1/04	16480	10	34,50/03	17327	21	46/03*,26/04	17550	4	43/03;3,6,31,35/04
14972	26	32/04*	16484	7	14/04*	17328	7	10/04*	18000	8	36,44/03;11,21,22/04
14974	24	5/04	16486	7	24/04*	17330	8	10*,14/04	18002	6	N36,N44;03;N11,N21, N22,N34/04
14975	33	43,49/03;10,24/04	16487	6	20/04*	17331	7	14/04	18003	19	41,43/03;3,6,22,30,35/04
14982	9	16/04*	16490	8	6/04*	17333	8	3*,14/04	18005	4	N40/03;N4,N10,N21, N31,N33/04
14983	9	46/03*	16500	9	33/03	17335	6	14/04	18006	3	N21,N34/04
14985	9	41/03*	16501	7	16/04*	17336	8	14,17,28/04	18007	31	35,41/03;4,5,6,7,16,22, 24,27,33,35/04
14986	9	46/03*	16511	7	17*,28/04	17337	8	14/04	18008	7	N35,N37,N41/03;N4,N5, N6,N7,N16,N22,N24, N27,N33,N35/04
14987	9	3/04*	16514	4	14/04*	17338	13	14,31/04	18009	2	N40/03;N10,N31,N34/04
14988	10	41/03*	16516	7	24/04*	17339	11	14/04	18010	20	33,40,47/03;4,5,7,16,24, 27,31,33,36,37/04
14990	4	6/04*	16517	6	16/04*	17341	8	14/04	18020	37	47/03*,1,4,7,11,19,21,22, 24,25,26,29,31,33,34, 36/04
14991	10	8/04*	16520	22	25/04*	17360	33	31*,36/03;13,14/04			
14992	11	32/04*	16522	6	16/04*	17362	10	14/04			
14993	12	16/04*	16528	16	33/03;6/04	17363	13	14/04			
14994	11	21/04*	16529	15	24/04*	17365	12	14/04			
15017	4	10/04	16530	6	33/03;6/04	17367	11	14/04			
15043	3	34,47/03	16535	12	31/03	17368	6	14/04			
15044	3	34,47/03;1/04	16540	11	27,31/04	17370	10	3/04*			
15046	4	47/03;14/04	16547	9	18/04*	17372	11	48/03*,31/04			
15061	3	50/03	16549	15	41/03*,32/04	17375	21	25/04*			
15064	1	50/03	16553	4	22/04*	17376	6	16/04			

SECTION I

NM 37/04

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 29/03 THROUGH NM 37/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
22481	35	2/04	24376	1	38/03	26125	3	41/03	35044	9	36/04**
22482	16	9/04	24380	2	48/03/1/04	26127	21	11/04	35045		N32/04*
22492	3	34/03	24381	14	28/04	26129	11	41/03	35046		N32*,N37/04
22521	3	34/03;33/04	24390	3	28/04	26130	20	11/04	35047	5	31/04**
22523	3	34/03;33/04	24404	9	34/04*	26147	31	19/04	35048		N32/04*
22529	3	35/03	24430	5	31,52/03;24,34/04	26186	17	14/04	35049		N33/04*
22531	2	35/03	24431	14	31,52/03	26188	11	15/04	35050		N28*,N37/04
23000	5	51/03	24433	3	52/03	26218	2	31/03	35051		N33*,N37/04
23010	4	24/04	24434	4	52/03;34/04	26219	5	31/03	35052		N33/04*
23030	6	37,42/03;14/04	24435	5	34/04	26220	6	11/04	35053		N33/04*
23071	3	24,29/04	24444	2	23/04	26224	32	35/04	35054		N33/04*
23121	7	19/04	24450	3	47/03;6,30/04	26229	11	31/03;9,32,35/04	35055		N23/04*
23123	3	19/04	24460	4	29,32,47/03;30/04	26230	12	31/03;9,32,35/04	35060	14	28/04**
23124	3	N19/04	24461	4	38,47/03;30/04	26282	6	34/03	35080	16	23/04**
23125	4	19/04	24462	5	29/03	26295	1	34/03	35081	15	28/04**
23131	7	30/04	24463	6	38/03;13/04	26308	5	34/03	35082	7	31/04**
23141	7	37/03	24465	6	38/03	26309	27	11/04*	35083	8	32/04**
23142	10	37,47/03	24470	4	13,34/04	26310	1	N48/03*	35084	15	32/04**
23145	3	37,51/03;14/04	24480	1	42,48/03;21/04	26320	5	31,40/03;19/04	35085	3	32/04**
23153	8	49/03	24481	7	34/04	27005	4	34/03;19/04	35086	5	32/04**
23159	2	25/04	24482	2	31/03	27042	21	41,42/03;10/04	35087	3	33/04**
24004	36	41,42,46/03;33/04	24484	3	31/03	27060	2	34/03	35088	2	28/04**
24016	53	13/04	24491	3	32/04	27061	5	28/04	35099	3	33/04**
24028	6	28/04	24492	20	32/04	27080	4	39,52/03	35100	14	23/04**
24050	11	31,32,33,51,52/03;6,14/04	24500	1	7/04*	27081	6	19/04	35101	6	33/04**
24052	15	30,42,44,50/03;33/04	24504	7	42,48/03;21/04	27082	6	19/04	35103	5	33/04**
24055	6	42,50,51,52/03;6,26/04	24508	3	24/04	27083	39	4,24/04	35120	13	23/04**
24057	4	30,33,42,52/03;4,6,26/04	24509	2	34,42/03;12,21,30/04	27122	5	19/04	35136	2	24/04
24058	2	29,30,42,44/03;7,9,33/04	24510	2	42/03;21,24,30/04	27160	2	35/03	35200	7	28/04**
24060	2	32/03	24511	2	42,48/03	27206	18	9,25/04	35205	3	31/04
24091	6	46/03;22/04	24512	3	38,42/03;24/04	28004	1	27/04	35210	3	31/04
24092	14	22/04	24513	18	38,42/03;24/04	28006	1	27/04	35350	2	23/04
24100	5	46/03	24517	2	40,42/03	28050	3	42,47/03	35363	1	12/04
24103	3	10/04	25001	7	52/03	28154	2	38/03	35365	1	12,23/04
24110	3	35/03	25017	5	31,34,39,52/03;15/04	28165	20	20/04*	35380	8	12/04
24130	14	33/04	25018	9	31,34,39,52/03	28167	4	16,33/04	35390	2	12/04
24133	6	31/03;36,37/04	25040	2	20/04*	28168	22	16,33/04	35400	11	18/04
24140	18	41,42,46/03;6,7,11,22/04	25480	1	52/03;8/04	28190	2	16,30/04	35420	13	12,18/04
24141	4	37/04	25481	25	8,26/04	28196	4	16,30/04	35424	3	18/04
24142	43	7,11/04	25483	20	8,33/04	28197	4	16,30/04	36005	2	31,43,44/03;13,23,26,27,31/04
24149	1	52/03	25485	45	36/03;10,30/04	28221	18	16/04	36010	27	43/03
24150	27	41,47/03;6,7/04	25487	2	36/03;10,30/04	28260	30	16/04	36015	2	44/03;13,26/04
24151	4	41/03;6,7/04	25524	43	32/03;23/04	28263	3	16/04	36040	16	6/04
24152	2	41,47/03;6/04	25525	17	23/04	28300	1	16/04	36060	17	2,17/04
24153	6	39,47/03;6/04	25526	2	32/03;23/04	28302	16	7/04	36120	9	17/04
24154	12	33/04	25527	31	32/03	28310	2	7/04	36125	7	30/03
24155	6	46,49/03	25566	27	30/03	29002	9	29/03	36140	12	13/04
24160	21	47/03;10,15,22,33/04	25575	4	35,39/03;14,15,18/04	29012	8	7/04	36143	4	40,43/03
24161	11	32,39,40,47/03;10,26,33,36/04	25600	47	1/04	29015	5	7/04	36161	10	21/04
24162	9	32,39,40,42,47,52/03;10,26,36,37/04	25601	34	37/04	29040	3	39,48/03;7,14/04	36165	6	30,43/03;21/04
24164	6	39,41,47/03	25607	4	48/03;31/04	29101	6	7,8,13/04	36180	23	44/03;13/04
24170	14	35/03;9,22/04	25609	5	1/04	29105	5	49,50/03;8,11/04	36181	18	13/04
24171	19	37,52/03;16,22,26,33/04	25610	8	2/04	29107	2	29,36/03;21/04	36182	6	13/04
24172	4	22/04	25611	22	1/04	29121	5	8,12,13/04	37000	22	43/03
24180	15	40/03;36/04	25613	3	20/25/04	29122	5	34/04	37005	16	29,30,50,51/03;5,8/04
24190	15	35/04	25640	41	22/04*	29124	1	21,34/04	37010	23	29,30,43,50,51/03;5,8,12,15,32/04
24200	14	9,13,35/04	25641	27	15/04*	29127	4	29,39,42/03;21,34/04	37025	26	31,33,34,36,38,41,43/03;3,4,10,11,15,26/04
24201	5	49/03;9,35/04	25645	17	15/04	29141	3	29,39/03	37030		N28*,N37/04
24202	6	31,35,46/03;21/04	25647	10	16/04	35001		N28*,N37/04	37031		N34/04*
24203	36	49/03	25649	19	44/03*	35002		N19*,N37/04	37032	2	31,38,42,43,45/03;3,4,9,15/04
24210	14	42/03;29/04	25650	34	25/04*	35003		N19*,N37/04	37033	2	33/03;15,17/04
24211	7	36/04	25653	13	14,21,29/04	35005		N22*,N30,N37/04	37034	2	33,41/03;10,15,P18,22/04
24215	1	29/04	25655	11	14,21,29/04	35006		N24/04*	37035		N34/04*
24220	14	39/03;29/04	25663	27	30,39/03;29/04	35008	21	23/04	37036		N34*,N37/04
24221	16	29/04	25664	15	30,39/03;29/04	35009	19	28/04**	37037		N34/04*
24222	3	39/03	25666	17	11/04	35010		N28/04*	37038		N34*,N37/04
24223	33	39/03;33/04	25668	19	34/04*	35011	2	31/04	37039		N36/04*
24224	1	15/04*	25670	42	2*,14/04	35013		N23/04*	37040		N36/04*
24230	20	52/03;9/04	25671	18	21/04	35014		N23/04*	37043	17	43,46/03;12/04
24233	15	9,22,33/04	25673	15	43/03;36/04	35016	17	31/04	37046	18	43,46/03;12/04
24234	3	35/03	25677	20	32*,39,52/03	35025		N23/04*	37049		N37/04
24240	5	39,46,52/03	25679	10	11,15,31/04	35027		N24/04*	37050	9	12,26,31,32/04
24250	5	39/03;13,22/04	25681	16	34,39/03;15,32/04	35028		N28/04*	37051		N37/04*
24251	23	39/03	25683	18	32*,34,39,52/03;36/04	35032	16	12/04	37052		N36/04*
24252	5	39/03	25685	9	52/03	35034		N31/04*	37053		N37/04
24270	3	29/03	25687	12	30/03*	35035		N28*,N29/04	37054		N37/04
24271	14	29/03	25848	25	11/04	35036	21	43/03;12,13/04	37055		N37/04*
24274	2	29/03	26050	1	47/03	35037		N31/04*	37056		N37/04
24292	4	22/04	26060	1	42/03	35038		N32/04*	37060	3	43,46/03;12/04
24293	6	37,42,46/03;33/04	26068	11	50/03	35039		N32/04*	37063	21	43/03
24294	22	37,46/03	26081	8	42,43/03;16/04	35040	18	24/04**	37075	3	43/03;12/04
24355	2	37/03	26083	14	19/04	35041	8	23/04**	37080	3	12,23,26,27,31,32,33,37/04
24370	1	48/03;1/04	26100	4	31/03	35042	9	24/04**	37081	23	32,33/04
24375	2	38/03	26122	30	30/04	35043	5	28/04**			

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 29/03 THROUGH NM 37/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
55062	5	33/03/21/04	57381	12	4,27,37/04	62459	2	41/03	71255	6	10,11,12/04
55063	1	44/03	57420	3	23/04	62460	4	9,36/04	71257	2	10,11,12,14,15,25,26/04
55064	3	8,25/04	57460	4	29/03	62480	2	32,41/03;8,9,36/04	71258	2	10,12,14,15,25/04
55082	9	32,44,46,50/03;20/04	57486	6	28/04	62490	2	32,50/03;9,12,15,18,23, 31,35,36/04	71259	3	44/03;10,11,14,15,24, 34/04
55084	7	39/03;11,28/04	57487	6	22/04	62498	4	31/03;13/04	71262	7	33/03
55085	9	31,33,36,39,46,50/03;9, 17,20,30/04	57488	6	22,27/04	62499	4	31/03	71265	3	10,11,14,15,25,34,36/04
55100	8	29,33,34,39,43,44/03;6, 21,36/04	61000	20	31/03;20,27/04	62510	3	8,9,36/04	71273	2	51/03;25/04
55101	4	32,34,38,39,42,43,46, 50/03;2,4,6,9,11,13,17, 28/04	61050	4	31/03;27/04	62512	3	N8,N9,N36/04	71275	3	33/03
55102	3	32,36,43,46,50,52/03;2,6, 13,17/04	61051	7	27/04	62515	2	26/04	71281	7	34/03
55103	2	31,35,36,38,42,43,45,46, 50,52/03;2,6,13,15,28, 30/04	61060	5	39/03	62520	6	32,41/03;8,9,36/04	71305	2	31/04
55104	2	31,33,36,45,46,52/03;2,6, 13,28/04	61070	4	39/03	62521	4	N32,N41/03;N8,N9, N36/04	71320	1	33,38/03
55105	7	29,33,36,42,43,48,52/03; 3,9,37/04	61091	5	35/03	62530	6	32,52/03;9,17,35/04	71331	11	33,38/03
55110	2	29,43,44,51/03;3,14,15, 21,25,28,31/04	61092	13	35,39/03	62531	4	N32,N52/03;N9,N17/04	71333	2	33/03
55110	2	31,33,36,45,46,52/03;2,6, 13,28/04	61100	4	37/04	62540	6	30,35,43,50/03;9,12,15, 18,23,26,31,35/04	71335	2	38/03
55112	2	33,34,42/03;2,17,21,28, 36/04	61111	12	34/03	62541	3	N30,N35,N43,N50/03; N9,N12,N15,N18,N23, N26,N31,N35/04	71340	11	33/03
55112	2	32,34,43,50/03;2,6,9,11, 13,20,30/04	61112	10	35/03	62550	3	32,52/03;5,9,10,17,36/04	71402	1	33/03
55112	2	32,34,43,50/03;2,17,21,28, 36/04	61130	3	9/04	62560	4	5,8,9,17,27/04	71440	2	11,14/04
55127	2	32,36,51/03	61140	5	9/04	62570	4	30,35,37,43,50/03;1,5,9, 11,12,15,18,23,26,31, 35/04	71460	1	36/04
55128	2	32,34,43,50/03;2,6,9,11, 13,20,30/04	61141	6	35/03;9,14,37/04	62572	1	50/03*/11/04	72000	8	25/04
55129	7	34,35,42,45,46/03;6,9,11, 20,28,30/04	61180	4	38/03	62580	3	35/03;9,26/04	72007	10	50/03;9/04
55130	2	32,33,34,39,42,46,50/03; 2,6,9,11,17,28/04	61190	4	9/04	62584	2	7/04	72014	10	9/04
55131	1	38,39/03;6,9,15,17/04	61204	5	22/04	62590	2	30,37,43,50/03;1,11,12, 15,18,23,26,31,35/04	72021	8	50/03;9/04
55132	3	34,36,38,46/03;6/04	61541	8	41/03	62591	3	N30,N37,N43,N50/03; N1,N11,N12,N15,N18, N23,N26,N31,N35/04	72035	8	9/04
55138	4	52/03;6,9,15/04	62001	5	50/03;9/04	62592	1	50/03*/11/04	72045	2	9/04
55139	5	6,15/04	62024	13	29/03	62594	3	35/03;9,26/04	72070	4	25/04
55140	2	29,33,34,35,36,42,45,46, 47,52/03;2,9,11,17,20, 28/04	62028	15	13/04	62600	13	40/03;23/04	72085	3	50/03;9/04
55150	2	36,48/03;3,14,31,37/04	62032	16	41/03;8,36/04	62600	14	44/03	72094	2	25/04
55156	2	29,41,42/03;3,37/04	62033	3	N41/03;N8,N36/04	62604	2	37,44,50/03	72103	2	25/04
55161	1	41,42/03;23/04	62070	4	26/04	62605	6	44/03	72105	2	50/03;9/04
55170	2	46/03;6,9,13,15,24/04	62110	9	9/04	62607	3	23/04	72107	2	32/04
55180	2	29,33,36,39,42,45,46,47, 52/03;2,9,11,20/04	62120	6	26/04	62609	8	30,40/03	72110	9	9/04
55190	2	39,40,51,52/03;2,3,6,9, 15,30/04	62142	10	32/03	62611	4	5/04	72120	3	9/04
55200	2	32,33,36,39,42,45,46,47, 50,52/03;4,11,14,17,20, 30/04	62188	4	37/04*	62613	2	39/03	72173	2	9/04
56011	1	50,52/03;10/04	62191	15	27/04	62616	7	45/03	72181	2	50/03
56031	1	29/04	62194	8	24/04	62620	5	30/03;10/04	72203	2	9/04
56060	9	38/03;18,28/04	62220	9	26/04	62620	9	30/03	72204	1	26/04
56064	6	8,18,26/04	62225	3	26/04	62620	9	30/03	72231	8	35/04
56065	3	38/03;8,18,26,28/04	62241	10	5/04	62621	2	30/03;10/04	73000	9	10,35,36/04
56067	3	38/03;8,10,26,28/04	62250	4	32/03	62625	3	30/03	73002	4	10/04
56081	19	5/04	62270	4	29,32/03	62626	6	5,16/04	73004	4	8,10,26,27/04
56082	16	29/03	62271	5	13/04	62630	1	33/03	73006	2	10/04
56100	14	33/03*	62290	3	11/04	62632	5	5/04	73008	8	36/04
56101	6	5/04	62310	2	29/03	62634	1	9/04	73010	3	10/04
56102	23	5/04	62317	3	12/04	62635	2	30/03	73012	6	36/04
56103	6	33/03;5/04	62350	3	13/04	62637	15	30,40/03;16/04	73014	10	10,35,36/04
56104	3	5/04	62355	6	29/03	62639	3	30/03	73016	4	10/04
56105	1	38/03*	62361	2	N37/04	62640	17	16/04	73018	3	10/04
56120	12	27/04	62366	4	33/03*;9/04	62640	5	30/03	73020	9	10,21/04
57000	10	43/03	62391	5	33/03*	62641	9	30/04	73130	8	31/04
57006	5	28/04	62393	7	8/04	62642	15	30,40/03;16/04	73141	5	10/04
57014	11	37/04	62394	10	8/04	62644	17	16/04	73191	3	10/04
57035	10	4,23/04	62400	17	31/03;13/04	62645	3	30/03	73470	4	35/04
57060	7	43/03;24/04	62401	9	41/03;8/04	62646	6	37,49/03;9,16/04	73552	4	38/03;18/04
57080	8	24/04	62405	8	43/03	62650	6	37,49/03;16/04	73580	4	43/03
57101	18	28/04	62406	2	9,13/04	62652	1	49/03	73581	4	43/03
57103	2	24/04	62408	7	8/04	62654	1	9/04	73590	6	36,43/03
57140	10	24,28/04	62411	1	10,13,17/04	62656	8	37,49/03;16/04	73601	3	43/03;12/04
57141	14	28/04	62412	12	52/03	62658	6	37,49/03;16/04	73620	2	12/04
57142	6	28/04	62413	12	50,52/03;10/04	62660	2	36/04	73631	4	40/03
57160	10	28/04	62417	1	10,13/04	62662	2	36/04	73640	5	40/03
57161	4	23/04	62420	5	52/03;10/04	62664	18	36/04	73650	5	40/03
57165	1	28/04	62432	17	50,03*;11/04	62666	4	36/04	73653	1	40/03
57170	1	52/03;20,28/04	62434	9	43,50/03;1,4,5,11,12,15, 23,31/04	62668	3	35/04	74002	2	31/03
57200	6	52/03;37/04	62437	10	30*,32,35,37/03;5,15/04	62670	10	15,25/04	74003	5	31,34/03
57201	5	52/03;26/04	62440	8	41/03;8/04	62672	3	11/04	74004	2	30,38/03;12,14/04
57240	8	28/04	62446	3	43/03	62674	18	11,12,15/04	74005	10	36,44/03;21/04
57241	12	31/03	62449	4	8/04	62676	2	14/04	74012	10	36,37/03;8,22/04
57242	8	41/03	62451	7	5,9/04	62678	11	50/03;10,12,14,34/04	74015	10	31,36/03;8,13,22/04
57245	1	41/03	62453	4	50,52/03;10/04	62680	10	12,14/04	74016	3	42,48/03
57260	3	28,37/04				62682	4	36/04	74017	4	31,38/03;13/04

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 29/03 THROUGH NM 37/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
96000	5	17,20,32/04	97157	2	40/03*;1/04	97381	7	43,45/03
96004	14	16,25,32/04	97158	5	50/03*	97382	2	42/03
96012	16	32,34/04	97159	6	44,46,52/03;34,36/04	97383	16	42,46,47/03;22,25,33/04
96016	7	51/03	97163	14	36/03;11/04	97385	10	46,47/03;22,33/04
96028	5	51/03;20/04	97164	1	52/03	97387	2	42,46/03;10,25,33/04
96032	3	34,51/03;20/04	97165	1	52/03	97389	2	45*,47/03
96036	2	36/03;15/04	97166	1	46/03	97390	5	36/03;7,22/04
96039	7	44/03;8,15/04	97167	2	23/04	97392	5	33,38/03;33/04
96041	11	39,44,45/03;8,11,20/04	97180	6	44/03;19,32,34/04	97396	14	33,38/03;2/04
96042	11	39,40,44,45/03;8,11,20, 26/04	97181	20	35,44,46/03;1,7,19/04	97397	7	44,49/03
96043	8	11/04	97182	13	35,46/03;1,9,21,26,28, 36/04	97398	4	43/03*,27/04
96044	10	38,51/03;2,7,20/04	97183	9	43,44/03	97400	4	34*,44,49/03
96080	6	25/04	97184	15	39,44/03	97410	9	50/03*,2/04
96100	2	25/04	97185	2	46/03	97412	7	47/03
96181	5	25/04	97187	3	2,16/04	97420	17	33,38,40,45/03;1,13,14, 17,23,24,28/04
96200	5	34,36/04	97188	3	50/03*,7,9/04	97421	13	36/03
96320	4	51/03	97189	2	39,43/03	97423	2	36/03;10,17/04
96340	4	45,51/03	97190	2	19,31/04	97425	6	45/03;1,2,23,28/04
96381	2	50/03	97200	9	29/03;17,23,27,31/04	97440	8	43,47/03;9,30,34/04
96440	3	11/04	97202	15	30,33/04	97441	5	47/03;14/04
96441	1	50/03;20/04	97204	9	33,43,45,47/03;13,25/04	97443	6	47/03
96480	3	51/03;11/04	97206	3	50/03*,13/04	97460	7	47/03,9,23,26,34/04
96500	6	39/03;8,25/04	97218	3	33/03	97461	9	9,26,34/04
96520	7	8,20/04	97219	4	47/03;13,27/04	97465	9	33,37/03;6,12,26/04
96540	5	11/04	97220	3	29,33,46,49/03;6,18/04	97469	10	33,37/03;6,12,30/04
96560	5	51/03	97221	20	29,33,46/03;6,7,11,13,17, 18,24,27,33/04	97471	5	N33/03;N6,N10,N12/04
96620	3	38/03;11/04	97222	12	29/03;11,17,24,27/04	97472	8	33/03
96621	5	38/03;11/04	97223	3	46/03;21/04	97474	7	26/04
96640	5	15/04	97224	6	45/03;11/04	97480	7	15,23/04
96645	1	15/04	97225	32	21*,27/04	97483	7	11/04
96660	4	36/03	97226	7	41/03;6,22/04	97501	2	21*,23/04
96760	4	17/04	97227	11	30,34/03	97521	6	36/04
96762	4	50/03*,16/04	97228	15	29,35,49,52/03;7,34/04	800669	8	N1,N16,N34/04
96763	7	32,37,45/03;6,16,21,26, 36/04	97229	12	33/03;18,30/04	800744	1	N36,N47,N50/03;N10, N30/04
96764	3	34/03*	97230	18	33/03	801217	1	N33,N37/03;N6,N12, N26/04
96883	9	11/04	97231	11	33/03	801885	3	N34/03
96904	3	34/03*	97232	9	7*,23/04	801902	9	N31/03;N14,N29/04
96937	2	36/04	97233	12	15*,17/04	801953	1	N39,N52/03
96938	4	34,36/04	97234	17	41/03;7,22,24,33/04	802260	5	N1,N23,N34/04
96941	8	47/03;9,16,32,36/04	97235	2	52/03*	803404	2	N8/04
96942	9	9/04	97236	20	35,41/03;13,22,34/04	804059	2	N43/03
96943	15	33,42/03;19,23,26,36/04	97237	6	41/03	804567	4	N31/03;N9,N32/04
96944	6	17/04	97238	11	12/04	805118	3	N36/03;N12,N24/04
96945	3	42/03;16,19,34,36/04	97241	6	1,23,27,30,36/04	805647	2	N30/03;N8,N13/04
96947	15	23,25,27/04	97243	8	33/03;14,22/04	805980	4	N23/04
96948	8	30/04	97245	11	29/03	806927	8	N30,N39/03;N29/04
96960	3	47/03;16,32,34,36/04	97246	7	13,25/04	807370	5	N30,N31,N39/03;N14, N29/04
96962	4	33/03;23,26/04	97251	4	36,52/03			
97000	3	40/03	97261	15	44/03;1,13,22,23,24,27, 31/04			
97005	9	47/03;17,27,32/04	97262	10	33,46/03;2,13,14,22,31, 36/04	809055	7	N25,N26,N31/04
97015	10	16,17,31,32/04				809679	2	N36/04
97021	7	40/03;16,17,19,20,21,25, 28,31,32,34/04	97263	10	46/03;2,14,31,36/04			
97026	10	23,30,34/04	97266	5	42/03;1,2,7,23,27,31, 32/04			
97029	3	40/03;16,32,34,36/04	97267	16	42/03;7,9,13,32/04			
97040	5	23,24/04	97268	10	24/04			
97042	7	27/04	97269	11	7,32/04			
97060	8	27/04	97270	6	7,13/04			
97061	4	21/04*	97271	12	35,41,44/03;9,17,24, 31/04			
97062	12	34,35/03;10,27,32/04	97272	11	37,47/03;1,9,13,19,31, 33/04			
97063	2	48/03*	97273	11	34*,52/03;1,9,33/04			
97064	2	33,45/03	97274	19	37,47,52/03;7,9,21/04			
97065	2	48/03*	97275	3	52/03*			
97080	6	21*,24/04	97276	2	50/03*			
97082	5	34/03;10/04	97277	12	21*,24,33/04			
97083	3	29,34,35/03;27,36/04	97278	12	14/04*			
97100	4	49/03;16,17,24,31,32/04	97280	4	31/04			
97101	2	50/03*	97281	3	50/03*			
97104	4	41/03	97285	6	36/03;7,21/04			
97105	3	41/03;17,24/04	97286	6	35,36,38/03;26/04			
97108	4	50/03*	97300	6	6,22,27,31/04			
97120	6	40,44,45,49/03;31,32/04	97303	3	45/03			
97140	17	40,44,45,46,49,52/03;31, 32,34,36/04	97304	1	22/04			
97141	5	6/04	97320	6	46/03;6,14,21,22,34/04			
97143	12	21*,33/04	97340	8	36,46,47/03;9,14,24,			
97144	14	39,44,49/03;6,33/04	97341	9	34/04			
97145	1	40,45,47/03;31,32,36/04	97342	14	43/03;24/04			
97146	10	39/03	97343	12	9/04			
97149	20	12,33/04	97345	2	50/03			
97150	13	42,49/03	97360	6	43,45,47/03;30,34/04			
97151	16	49/03	97380	7	38,40,45/03;17,23/04			
97152	9	1*,6/04						
97153	8	52/03*,30/04						
97155	14	10,12,20/04						

SECTION II

NM 37/04

NGA HYDROGRAPHIC PRODUCTS CATALOG CORRECTIONS

Note: Underlining indicates that column in which a correction has been made or new information added.				Edition		Price Category	Page(s)	NTM
NGA Ref. No. (National Stk. No.)	Title	Scale = 1:	No.	Date				
REGION 1								
12ACO12200 (7642014010293)	Cape May to Cape Hatteras (LORAN-C)	419,706	<u>48</u>	<u>6/04</u>	NOS	1-94	37/04	
12ACO12300 (7642014010297)	Approaches to New York (LORAN-C)	400,000	<u>44</u>	<u>7/04</u>	NOS	1-95	37/04	
12AHA12311 (7642014010331)	Delaware River-Smyrna River to Wilmington	40,000	<u>43</u>	<u>7/04</u>	NOS	1-95	37/04	
13AHA13209 (7642014010409)	Block Island Sound and Gardiners Bay	40,000	<u>24</u>	<u>6/04</u>	NOS	1-95	37/04	
	Inset: Montauk Harbor	7,500						
16XHA16084 (7642014011337)	Pearl Bay and Approaches	50,000	<u>7</u>	<u>6/04</u>	NOS	1-97	37/04	
16XHA16104 (7642014011345)	Cape Sabine	50,000	<u>5</u>	<u>6/04</u>	NOS	1-97	37/04	
REGION 3								
<u>37AHA37051</u> (7642015122649)	<u>UKHO 1185, River Thames-Sea Reach</u>	<u>25,000</u>		<u>3/03</u>	<u>UKHO</u>	3-18,21, 30	37/04	
	(Change legend 37145 to 35051 on graphic p. 3-21 in 51-40N 000-30E)							
<u>37BHA37054</u> (7642015122652)	<u>UKHO 1491, Harwich and Felixstone</u>	<u>10,000</u>		<u>4/03</u>	<u>UKHO</u>	3-18,21, 30	37/04	
	(Change legend 37149 to 37054 on graphic p. 3-21 in 52-02N 000-51E)							
<u>37ACO37055</u> (7642015122653)	<u>UKHO 1504, Cromer to Orford Ness</u>	<u>150,000</u>		<u>10/00</u>	<u>UKHO</u>	3-12,13, 30	37/04	
	(Change legend 37150 to 37055 on graphic p. 3-21 in 52-54N 003-22E)							
<u>37BHA37056</u> (7642015122654)	<u>UKHO 1543, Winterton Ness to Orford Ness</u>	<u>75,000</u>		<u>1/04</u>	<u>UKHO</u>	3-12,13, 30	37/04	
	(Change legend 37161 to 37056 on graphic p. 3-13 in 52-43N 002-04E)							
37AHA37145 (7642014012450)	Canceled					3-19,30	37/04	
37BHA37149 (7642014012483)	Canceled					3-19,30	37/04	
37ACO37150 (7642014012419)	Canceled					3-12,30	37/04	
37BHA37161 (7642014012484)	Canceled					3-12,30	37/04	
REGION 5								
53AHA53082 (7642014013042)	Rade de Toulon	10,000	<u>14</u>	<u>7/04</u>	A	5-42	37/04	
REGION 6								
62BHA62188 (7642014013389)	Approaches to El-Ghardaqa	75,000	<u>4</u>	<u>7/04</u>	A	6-24	37/04	
	Plan: El-Ghardaqa	25,000						
MISCELLANEOUS CHARTS AND PUBLICATIONS								
DNCDXVDU (7644014946812)	Digital Nautical Chart (DNC) - VPF Database Update (VDU)		<u>30</u>	<u>7/04</u>	DS	10-43	37/04	

SECTION II

NGA HYDROGRAPHIC PRODUCTS CATALOG CORRECTIONS

Note: Underlining indicates that column in which a correction has been made or new information added.				Edition		Price Category	Page(s)	NTM
NGA Ref. No. (National Stk. No.)	Title	Scale = 1:	No.	Date				
CDPUBSD172 (7644014665941)	<u>Red Sea and the Persian Gulf (Enroute), 2004</u>				<u>GPO</u>	10-19, 38	37/04	
CDPUBSUMV4 (7644014673962)	(Volume 4) Western Pacific Ocean (Regions 8 and 9)			<u>2004</u>	GPO	10-39	37/04	
LLPUB111 (7642014007532)	<u>The West Coasts of North and South America (Excluding Continental U.S.A. and Hawaii), Australia, Tasmania, New Zealand, and the Islands of the North and South Pacific Oceans, 2004</u>				GPO	10-22	37/04	

Price Categories effective 1 October 2002

A 17.75	E 9.00	G 4.50	I 26.25
D 10.75	F 9.00	H 2.50	R 2.50

CHS Canadian Hydrographic Service

DS Distribution Limited

GPO Government Printing Office

NOS National Ocean Service

UKHO United Kingdom Hydrographic Office

* Not for sale or reproduction outside U.S.A.

To locate the nearest NOS Sales Agents in your area, go to - <http://acc.nos.noaa.gov/Naut/NautAgents.html>

Note: New editions cancel former editions. They include corrections published in the Notice to Mariners prior to the effective date of the new editions and/or important corrections from other sources. Mariners are warned against the use of obsolete charts and publications as new editions contain information essential to safe navigation; however, such new editions are not valid until their availability is announced in the weekly Notice to Mariners.

For questions concerning the availability and distribution of announced charts, users should contact the Defense Logistics Agency (DLA) at 1-800-826-0342 or 804-279-6500; DSN 695-6500; Fax 804-279-6524.

SECTION II

NM 37/04

NAVIGATION PUBLICATIONS

NGA LIST OF LIGHTS CORRECTIONS

PUB 111 (NGA)	Ed 2004	NEW EDITION
-------------------------	----------------	--------------------

37/04

highway connections; receipt and shipment of general cargo, copper, zinc, steel and wood products; owned by the State of Connecticut and operated by Logistec U.S.A. Inc., a division of Logistec Stevedoring of Montreal.
(CL 1167/04) 37/04

SAILING DIRECTIONS CORRECTIONS

PUB 172 (NGA)	10 Ed 2004	NEW EDITION
-------------------------	-------------------	--------------------

37/04

Page 336—Paragraph 173, line 1; read:
Great Captain Island Light ($40^{\circ}58'57"N.$, $73^{\circ}37'23"W.$),
... (21/04 CG1; LL/04) 37/04

COAST PILOT CORRECTIONS

COAST PILOT 2	33 Ed 2004	Change No. 12
----------------------	-------------------	----------------------

LAST NM 34/04

Page 139—Paragraph 2457, line 4; read:
approximate position $40^{\circ}46'23.1"N.$, $073^{\circ}59'59.0"W.$, ...
(33 CFR 165.169) 37/04

COAST PILOT 3 **37 Ed 2004** **Change No. 8**
LAST NM 36/04

Page 180—Paragraph 41, line 5; read:
charted. In April 2004, the controlling depth was 5.2 feet ...
(BP 183525) 37/04

Page 279—Paragraph 239, lines 15 to 20; read:
entrance of Pawcatuck River.
(NOS/04) 37/04

Page 198—Paragraph 134, lines 5 to 6; read:
clearance of 35 feet. Overhead power and TV cables, close southward of the bridge, have a clearance of 35 feet. Just ...
(CL 911/04; NOS 12316) 37/04

Page 279—Paragraph 244, line 2; read:
Pawcatuck Point, extends about 4 miles to Westerly. In 1977, the controlling depth was 3.9 feet (6.4 feet at midchannel) from the entrance channel to Pawcatuck River Channel Buoy 17 ($41^{\circ}20'48"N.$, $71^{\circ}49'48"W.$), thence 3.9 feet (5.1 feet at midchannel) for about 1.6 miles to a point about $41^{\circ}22'12"N.$, $71^{\circ}49'55"W.$, thence 3.3 feet at midchannel to Westerly. The channel is well-marked.
(BPs 183368-76; CL 655/04) 37/04

Page 213—Paragraph 139, lines 1 to 4; read:
In April 2004, the controlling depth was 4.1 feet off the entrance to the jetties, thence 3.9 feet through the jetties, thence 3.0 feet for about 1.0 mile to a point in about $38^{\circ}57'12"N.$, $75^{\circ}19'12"W.$; thence in 1988, the centerline controlling ...
(BPs 183533-36) 37/04

Page 386—Paragraph 197, line 7; read:
bridge has a vertical clearance of 215 feet for a ...
(CL 818/04) 37/04

Page 213—Paragraph 146, lines 9 to 10; read:
feet. The fixed highway bridges, 6 miles above the mouth, have a clearance of 15 feet.
(CL 804/04; CL 1400/99) 37/04

COAST PILOT 2 **33 Ed 2004** **Change No. 13**

Page 35—Paragraph 584, lines 1 to 3; read:
National Oceanic and Atmospheric Administration:
The U.S. Department of Commerce National Oceanic and Atmospheric Administration ...
(CL 1121/04) 37/04

Page 214—Paragraph 155, line 2; read:
jetties. A daybeacon marks the outer end of the south jetty; ...
(CL 804/04; LL/04; NOS 12304) 37/04

Page 231—Paragraph 211, line 811; read:
diesel fuel. In March 2004, a reported depth of 4 feet could be carried to this boatyard. The **harbormaster**, who controls all mooring and anchoring in the harbor, monitors VHF-FM channel 68.
(DB 5038) 37/04

Page 321—Paragraph 69, line 7; read:
at midchannel) to the head of the project. In June 2004, shoaling to 1.9 feet was reported in the vicinity of Daybeacon 3. Depths are ...
(26/04 CG5) 37/04

Page 293—Paragraph 66, lines 6 to 14; read:
36 to 38 feet alongside; deck height, 10 feet; 90,000 square feet of covered storage, 20 acres of open storage; electricity, potable and feed water connections on pier; railroad and

Page 335—Paragraph 28, line 11; read:
The bar channel, marked by lights and daybeacons, is ...
(LL/04) 37/04

COAST PILOT 3 (Continued)

Page 366—Paragraph 157, line 5; read:
has depths of about 6 feet. In July 2004, shoaling to less than 3 feet was reported in the entrance. A marina with berthing facilities ...
(28/04 CG5) 37/04

COAST PILOT 3 37 Ed 2004 Change No. 9

Page 250—Paragraph 99, lines 8 to 14; read:
do-it-yourself repairs. In July 2003, the controlling depth in the dredged channel in Parting Creek was 5.0 feet in the west half and 6.9 feet in the east half to the turning basin at Willis Wharf, thence 1.9 feet (6.8 feet at midchannel) to the head of the project about 275 yards above the wharf. The turning basin just above Daybeacon 18 had depths of 2.5 to 6.2 feet.
(CL 688/04; BPs 183388-89) 37/04

Page 336—Paragraph 42, lines 4 to 7; read:
channel in Deep Creek. In June 2003, the controlling depth in the dredged channel from the entrance to the turning basin at the town of **Deep Creek** was 2.1 feet, thence depths from 1.6 to 2.2 feet were in the turning ...
(CL 713/04; BPs 183407-10) 37/04

Page 365—Paragraph 135, lines 4 to 8; read:
marked by buoys and a private **033°** lighted range, had a controlling depth of 42 feet in July 2003, **Dundalk West Channel**, marked by buoys and private **030°** lighted range, had a controlling depth of 42 feet in October 2002. Several cranes have been lost overboard ...
(BPs 181947-48; CL 1673/03) 37/04

COAST PILOT 3 37 Ed 2004 Change No. 10

Page 65—Paragraphs 541 to 548; read:
(b) The CSX Railroad Bridge, mile 3.4.
(1) The draw of the bridge to be operated by the controller at the Benning Yard office shall open on signal;
(i) At all times for public vessels of the United States, state and local government vessels, commercial vessels and any vessels in an emergency involving danger to life or property.
(ii) Between 9 a.m. and 12 p.m. and between 1 p.m. and 6 p.m. from May 15 through September 30.
(iii) Between 6 p.m. and 7 p.m. from May 15 through September 30 if notice is given to the controller at the Benning Yard office not later than 6 p.m. on the day for which the opening is requested.
(iv) At all other times, if at least eight hours notice is given to the controller at the Benning Yard office.

(2) The CSX Railroad Bridge shall not be operated by the controller at the Benning Yard office in the event of failure or obstruction of the motion sensors, laser scanners, video cameras or marine-radio communications. In these situations, a bridge tender must be called to operate the bridge on-site.
(3) Except as provided in §117.31(b), opening of the draw shall not exceed ten minutes after clearance of rail traffic.

(4) A horn will sound one prolonged blast followed by one short blast to indicate that the CSX Railroad Bridge is moving to the full open position for vessel traffic. During open span movement, the channel traffic lights will flash red until the bridge is in the full open position to vessels. In the full open position to vessels, the bridge channel traffic lights will flash green.

(5) A horn will sound five short blasts, the channel traffic lights will flash red, and an audio voice-warning device will announce bridge movement during closing span movement. Five short blasts of the horn will continue until the bridge is seated in and locked down. When the bridge is seated and in locked down position to vessels, the channel traffic lights will continue to flash red.

(6) The owners of the bridge shall provide and keep in good legible condition two board gauges painted white with black figures not less than six inches high to indicate the vertical clearance under the closed draw at all stages of the tide. The gauges shall be placed on the bridge so that they are plainly visible to the operator of any vessel approaching the bridge from either upstream or downstream.

(FR 8/6/04) 37/04

Page 312—Paragraph 202, line 6; read:
CSX Railroad Bridge, 3.3 miles above the mouth, has a vertical ...
(FR 8/6/04; NOS 12289) 37/04

Page 312—Paragraph 203, line 2; read:
river on either side of the CSX Railroad Bridge, about 6.5 ...
(FR 8/6/04; NOS 12289) 37/04

**COAST PILOT 5 32 Ed 2004 Change No. 8
LAST NM 34/04**

Page 95—Paragraph 1005, line 3; read:
hours notice is given.

§117.300 Manatee River.

The draw of the CSX Railroad Bridge across the Manatee River, mile 4.5 Bradenton, operates as follows:

- (a) The bridge is not tended.
 - (b) The draw is normally in the fully open position, displaying green lights to indicate that vessels may pass.
 - (c) As a train approaches, provided the scanners do not detect a vessel under the draw, the lights change to flashing red and a horn continuously sounds while the draw closed. The draw remains closed until the train passes.
 - (d) After the train clears the bridge, the lights continue to flash red and the horn again continuously sounds while the draw opens, until the draw is fully open and the lights return to green.
- (FR 7/19/04) 37/04

Page 194—Paragraph 3406, line 4; read:
designate.

§334.783 Arlington Channel, U.S. Coast Guard Base Mobile, Mobile, Alabama, Coast Guard Restricted Area.

COAST PILOT 5 (Continued)

(a) *The area.* The waters of Arlington Channel west of a line from latitude 30°39'09"N., longitude 088°03'24"W. to latitude 30°38'54"N., longitude 088°03'17"W.

(b) *The regulations.* The restricted area is open to U.S. Government vessels and transiting vessels only. U.S. Government vessels include U.S. Coast Guard vessels, Department of Defense vessels, state and local law enforcement and emergency services vessels and vessels under contract with the U.S. Government. Vessels transiting the restricted area shall proceed across the area by the most direct route and without unnecessary delay. Fishing, trawling, net-fishing and other aquatic activities are prohibited in the restricted area without prior approval from the Commanding Officer, U.S. Coast Guard Group Mobile or his designated representative.

(c) *Enforcement.* The regulations in this section shall be enforced by the Commanding Officer, U.S. Coast Guard Group Mobile or his designated representative.

(FR 7/29/04) 37/04

Page 326—Paragraph 95, line 7; read:

through 117.49 and 117.300, chapter 2, for drawbridge regulations.)

(FR 7/19/04) 37/04

**COAST PILOT 6 34 Ed 2004 Change No. 11
LAST NM 36/04**

Page 147—Paragraph 2310, line 5; read:
not in operation.

§334.845 Wisconsin Air National Guard, Volk Field military exercise area located in Lake Michigan offshore from Manitowoc and Sheboygan Counties; Danger Zone.

(a) *The area.* (1) The waters within an area beginning at a point at

43°19'00"N., 87°41'00"W.; to

44°05'30"N., 87°29'45"W.; to

44°02'00"N., 87°02'30"W.; to

43°15'30"N., 87°14'00"W.; thence to the point of beginning, as shown on NOAA Chart 14901 (1999) and existing aeronautical charts.

(b) *The regulation.* (1) During specific, infrequent periods when Military exercises will be conducted, as promulgated in the Local Notice to mariners published by the United States Coast Guard (USCG), all vessels entering the danger zone are advised to proceed across the area by the most direct route and without unnecessary delay.

(2) During specific, infrequent periods when Military exercises will be conducted, as promulgated in the Local Notice to mariners published by the USCG, no vessel or craft of any size shall lie-to or anchor in the danger zone, other than a vessel operated by or for the USCG, or any other authorized agency.

(c) *Normal use.* At all other times, nothing in this regulation shall prohibit any lawful uses of this area.

(d) *Enforcement.* The regulation in this section shall be enforced by the Commanding Officer, VOLK Field, WI, and/or persons or agencies as he/she may designate.

(FR 7/30/04) 37/04

COAST PILOT 7**36 Ed 2004****Change No. 16****LAST NM 34/04**

Page 169—Paragraph 2727, line 3; read:
zones by the San Diego Harbor Police.

§165.1110 Security Zone: Coronado Bay Bridge, San Diego, CA.

(a) *Location.* All navigable waters of San Diego Bay, from the surface to the sea floor, within 25 yards of all piers, abutments, fenders and pilings of the Coronado Bay Bridge. These security zones will not restrict the main navigational channel nor will it restrict vessels from transiting through the channel.

(b) *Regulations.* (1) Under §165.33, entry into, transit through, loitering, or anchoring within any of these security zones by all persons and vessels is prohibited, unless authorized by the Captain of the Port, or his designated representative. Mariners seeking permission to transit through a security zone may request authorization to do so from Captain of the Port or his designated representative. The Coast Guard can be contacted on San Diego Bay via VHF-FM channel 16.

(2) Vessels may enter a security zone if it is necessary for safe navigation and circumstances do not allow sufficient time to obtain permission from the Captain of the Port.

(FR 7/23/04) 37/04

Page 249—Paragraph 34, lines 3 to 5; read:

mile N of the Point, on the E side of North San Diego Bay, and all navigable waters of San Diego Bay within 25 yards of all piers, abutments, fenders, and pilings of the Coronado Bay Bridge. (See **165.1 through 165.8, 165.33, 165.1101, 165.1102, 165.1103, 165.1108, 165.1110, and 165.1121**, ...)

(33 CFR 165; FR 7/23/04) 37/04

Page 254—Paragraph 101, lines 16 to 24; read:
the entrance.

In December 2003, the controlling depths were 9.1 feet (14.1 feet at midchannel) in the dredged entrance channel to the highway bridge (except for lesser depths along the W edge of the channel just below the bridge); general depths of 15 to 17 feet are available in Mariners Basin (except for lesser depths along the edges) and a depth of 20 feet in Quivira Basin. A rock groin extends about 150 yards NW from ...

(BP 182788) 37/04

Page 397—Paragraph 60, lines 1 to 2; read:

In February 2004, depths along the E side of the wharf were 9 to 15 feet with lesser depths at the N end towards shore. Gasoline, diesel fuel, and water ...

(BP 182682) 37/04

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
675	Cape Lookout Slough East Lighted Whistle Buoy E						Remove from list. * 37/04
700	Cape Lookout Slough West Lighted Whistle Buoy W						Remove from list. * 37/04
1495	Hen and Chickens Shoal Lighted Buoy 3HC	38 44 46 N 75 01 24 W	Fl G 4s	5	Green.	*	37/04
Delaware Bay							
1505	- Entrance Channel Lighted Gong Buoy 5	38 46 36 N 75 03 33 W	Fl G 2.5s	5	Green.	*	37/04
8680	POOLES ISLAND EAST RANGE FRONT LIGHT	39 16 41 N 76 16 05 W	Q W	19	KWB on skeleton tower.	*	37/04
8695	POOLES ISLAND NORTH RANGE FRONT LIGHT	39 18 31 N 76 13 37 W	Fl W 2.5s	33	On skeleton tower on caisson.	Lighted throughout 24 hours. Visible all around; higher intensity on range line.	37/04
8701	POOLES ISLAND NORTH RANGE REAR PASSING LIGHTS (2)		Fl W 4s	46	6 On North and South corners of Pooles Island North Range Rear Light.	*	37/04
9060	- EAST RANGE REAR LIGHT 217 yards, 074° from front light.		Iso W 4s	31	On multi-pile structure.	Day: Visible on rangeline only. Night: Visible all around lighted throughout 24 hours.	37/04
9565	- Daybeacon 6	36 54 40 N 76 19 47 W			TR on pile.	*	37/04
30285	- Buoy 5				Green can.	*	37/04
30307	- Buoy 11					Remove from list. *	37/04
30405	SOUTHPORT CHANNEL RANGE FRONT LIGHT	33 54 26 N 78 01 23 W	Q W	19	KRW on multi-pile structure.	Visible all around; higher intensity on rangeline.	37/04

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
 Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
30410 40040	SOUTHPORT CHANNEL RANGE REAR LIGHT 1,426 yards, 319.5° from front light.		Iso W 6s	42		KRW and SG-SY on multi-pile structure.	Visible all around; higher intensity on rangeline.
			*		*		37/04
30735	UPPER LILIPUT RANGE FRONT LIGHT	34 04 13 N 77 55 53 W	Q W		22	KWR on skeleton tower.	
		*					37/04
30820	LOWER BRUNSWICK RANGE FRONT LIGHT	34 09 47 N 77 57 49 W	Q W		20	KWR on square pyramidal skeleton tower.	Visible all around; higher intensity on rangeline.
		*					37/04
Cape Fear River - Little River							
40040 30410	SOUTHPORT CHANNEL RANGE REAR LIGHT 1,426 yards, 319.5° from front light		Iso W 6s	42		KRW and SG-SY on multi-pile structure.	Visible all around; higher intensity on rangeline.
		*	*	*	*	*	*
							37/04

CORRECTIONS TO C. G. LIGHT LIST, VOLUME III LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
3255	GENERAL DYNAMICS NORTH MOORING DOLPHIN LIGHT						Remove from list.
							*
							37/04
11386	Newfound Harbor Obstruction Lighted Buoy A						Remove from list.
							*
							37/04
11387	Newfound Harbor Obstruction Lighted Buoy B						Remove from list.
							*
							37/04
11388	Newfound Harbor Obstruction Lighted Buoy C						Remove from list.
							*
							37/04
11389	Newfound Harbor Obstruction Lighted Buoy D						Remove from list.
							*
							37/04
*13886	Newfound Harbor Obstruction Lighted Buoy A	24 36 54 N 81 23 44 W	Fl W 4s			White and orange banded worded DANGER CORAL, can.	Private aid.
							37/04

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.

Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME III LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*13887	Newfound Harbor Obstruction Lighted Buoy B		Fl W 4s			White and orange banded worded DANGER CORAL, can.	Private aid. 37/04
*13888	Newfound Harbor Obstruction Lighted Buoy C		Fl W 4s			White and orange banded worded DANGER CORAL, can.	Private aid. 37/04
*13889	Newfound Harbor Obstruction Lighted Buoy D		Fl W 4s			White and orange banded worded DANGER CORAL, can.	Private aid. 37/04
*18038	ESTERO ISLAND TERMINAL GROIN OBSTRUCTION LIGHT	26 27 51 N 81 58 08 W	Fl W 4s	12	3	NW on pile worded DANGER GROIN.	Private aid. 37/04
*23422	Davis Island Yacht Club Buoy D	27 51 49 N 82 26 47 W				Yellow can.	Private aid. 37/04
*23442	Davis Island Yacht Club Buoy G					Yellow can.	Private aid. 37/04
*23443	Davis Island Yacht Club Buoy F					Yellow can.	Private aid. 37/04
*23444	Davis Island Yacht Club Buoy C					Yellow can.	Private aid. 37/04
*23483	Davis Island Yacht Club Buoy H					Yellow can.	Private aid. 37/04
*23492	Davis Island Yacht Club Buoy A					Yellow can.	Private aid. 37/04
*44848	- Daybeacon 2					TR on pile.	Private aid. 37/04
46285	- Junction Lighted Buoy A	26 57 00 N 80 05 53 W	Fl R (2+1) 6s			JR on pile.	Private aid. 37/04
	*		*			*	
*54763	Shell Point Obstruction Daybeacon A					NW on pile worded DANGER SUBMERGED PILINGS.	Private aid. 37/04

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
 Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
4825	- Lighted Buoy 6		Fl R 2.5s		3	Red.	
	*			*			37/04
4830	- Buoy 7	30 16 26 N 87 33 27 W				Green can.	
	*	*			*		37/04
6570	- LIGHT 6	30 38 42 N 88 02 28 W	Fl R 6s	17	4	TR on pile.	Ra ref.
	*	*	*	*	*		*
9300	Port Bienville Wreck Daybeacon WR						Remove from list.
							*
13571 33264	New Orleans Emergency Anchorage Lower Daybeacon 89.6	29 55 39 N 89 59 16 W				NY on pile.	Ra ref.
	*						37/04
33264 13571	New Orleans Emergency Anchorage Lower Daybeacon 89.6	29 55 39 N 89 59 16 W				NY on pile.	Ra ref.
	*						37/04

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
28006.3	NOAA DART Lighted Buoy	20 30 22 N 157 54 43 W	Fl Y 3s			White and red.	Private aid.
						*	37/04
29225	- Buoy 8	21 18 18 N 157 51 57 W				Red nun.	
	*						37/04
29230	- Buoy 10	21 18 32 N 157 51 55 W				Red nun.	
	*						37/04
Apra Outer Harbor							
30690	- Entrance Lighted Buoy 1	13 27 02 N 144 37 24 E	Fl G 4s		4	Green.	
	*						37/04
30730	- Lighted Buoy 3	13 27 14 N 144 39 14 E	Fl G 2.5s		3	Green.	
	*						37/04

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
Cabras Island Channel							
30735	- <i>Lighted Buoy 2</i>	13 27 32 N 144 39 19 E	Fl R 2.5s		3	Red.	
		*					37/04
30740	- <i>Junction Lighted Buoy A</i>	13 27 24 N 144 39 26 E	Fl (2+1) G 6s		4	Green and red bands.	
		*					37/04
30750	- <i>Lighted Buoy 5</i>	13 27 24 N 144 39 49 E	Fl G 6s		4	Green.	
		*					37/04
30870	- <i>Channel Lighted Buoy 2</i>	15 13 12 N 145 41 24 E	Q R		4	Red.	
		*					37/04
30895	- <i>Channel Buoy 5</i>	15 13 41 N 145 42 38 E				Green nun.	
		*					37/04
30900	- <i>Channel Lighted Buoy 6</i>	15 13 45 N 145 43 03 E	Fl R 4s		4	Red.	
		*					37/04

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VII LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
4780	- SOUTH BASIN LIGHT 2		Fl R 2.5s	22 7		TR on post.	Maintained from Apr. 1 to Nov. 15. Private aid.
					*		37/04
4785	- SOUTH BASIN LIGHT 1		Fl G 2.5s	22 7		TR on post.	Maintained from Apr. 1 to Nov. 15. Private aid.
					*		37/04

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
 Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO PUB 110, LIST OF LIGHTS, 2004 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
2360 H 0270	Francois Bay.	47° 33.5' N 56° 44.7' W	FIG. period 5s fl. 0.5s, ec. 4.5s	151 46	15	Square tower; 10.	Emergency light. * * * 37/04

SUMMARY OF CORRECTIONS TO PUB 111, LIST OF LIGHTS, 2004 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*1261	-Club de Yates Recreo.	33° 01.6' S 71° 34.8' W	Fl.R. period 3s fl. 1s, ec. 2s	18 6	7	Red fiberglass tower, triangular daymark; 7.	Visible 126°-239°. * * * 36/04
-Suva Harbor:							
3376 K 4686	--Walu Bay Range, front.	18° 07.9' S 178° 25.7' E	F.Bu.			Orange triangular daymark on pole.	*
		*	*			*	*
3380 K 4686.1	--Rear, 200 meters 102°13' from front.	18° 07.9' S 178° 25.8' E	F.Bu.			Orange triangular daymark on pole.	*
		*	*			*	*
3388 K 4684	--Tamavua, S. end of reef N. of Walu Creek.	18° 07.5' S 178° 25.6' E	Fl.R. period 3s fl. 0.3s, ec. 2.7s	16 5	4	Red beacon; 15.	F.R. on radio mast about 1 mile 059°. * * * 34/04
		*					
3396 K 4672	--North Side Range, front.	18° 06.5' S 178° 24.3' E	Q.Bu.	130 40	14	Red square tower, white stripe.	Visible 320°-038°. Liable to be obscured by smoke. * * * 34/04
		*					
3400 K 4672.1	--Rear, 1,189 meters 010°15' from front.	18° 05.9' S 178° 24.4' E	Iso.Bu. period 4s	338 103	19	Red square tower, white stripe.	Visible 325°-055°. Liable to be obscured by smoke. * * * 34/04
		*					
3404 K 4678	--N. extremity of E. reef.	18° 08.1' S 178° 24.2' E	FIG. period 5s fl. 0.5s, ec. 4.5s	34 10	8	White tower on white 6-sided beacon, black bands; 36.	Radar reflector. * * * 34/04
		*	*				
3408 K 4677	--About 229 meters S. of NE. end of reef	18° 08.0' S 178° 23.8' E	Fl.R. period 6s	6 2	3	Pile.	 * * * 34/04
		*	*				
3412 K 4676	--Near SE. extremity of W. reef at entrance	18° 08.5' S 178° 23.6' E	Fl.R. period 3s fl. 0.3s, ec. 2.7s	30 9	5	White tower on red and white base; 33.	Radar reflector. * * * 34/04
		*	*				
3416 K 4673	--E. side.	18° 07.3' S 178° 23.9' E	Q.Y.	18 5	1	Red metal framework structure.	 * * * 34/04
		*					

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
 Denotes a new entry when preceding the station number.

SECTION II

SUMMARY OF CORRECTIONS TO PUB 111, LIST OF LIGHTS, 2004 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
4500 <i>K 3982.1</i>	-Southern Range, front 331 meters 281°54' to common rear.	39° 27.1' S 176° 52.2' E	F.R.	49 15	5	White beacon.	Visible 271°-293°. * 29/04
4516 <i>K 3984</i>	-Inner harbor, on E. pier.	39° 28.8' S 176° 53.7' E	Oc.R. period 12s lt. 8s, ec. 4s	33 10	4	Blue hut.	* 29/04
4528 <i>K 3984.41</i>	-Rear, 157 meters 191° from front.	39° 29.3' S 176° 53.5' E	F.R.	30 9	3	Yellow diamond daymark.	* 29/04
4532 <i>K 3982.71</i>	-Roadstead Lighted Buoy, about 1.8 km. 014° from stone pillar on Ahuiriri Bluff.					Remove from list.	* 29/04
4542 <i>K 3984.43</i>	--Rear, 171° from front.	39° 28.5' S 176° 54.7' E	F.Bu. (neon)	62 19	1		* 29/04
4548 <i>K 3983.3</i>	--Rear, 26 meters 143°26' from front.	39° 29.0' S 176° 53.7' E	F.R. (neon)			Pole, orange diamond daymark.	* 29/04
4554 <i>K 3990.1</i>	--W. end Range, front.	39° 28.3' S 176° 54.9' E	Oc.R. period 3s lt. 2.5s, ec. 0.5s	30 9	4	White metal tower; 23.	* 29/04
4560 <i>K 3992</i>	--Rear, 175 meters 245°49' from front.	39° 35.4' S 176° 56.2' E	F.R. (neon)	23 7	10	Pile, orange triangular daymark.	* 29/04
4564	Cape Kidnappers.	39° 39.0' S 177° 06.0' E	Fl.(2)W. period 15s fl. 1s, ec. 2s fl. 1s, ec. 11s	367 112	8	Steel tower, white square; 13.	* 29/04
4804 <i>K 4090</i>	-Mikotahi.	39° 03.4' S 174° 01.8' E	Fl.(2)W. period 5s fl. 0.5s, ec. 1s fl. 0.5s, ec. 3s	100 30	10	Gray iron tower, white top.	Visible 066°-127°, 133°-159°, and 171°-242°. * 30/04
4808 <i>K 4092</i>	-Outer breakwater, head.	39° 03.1' S 174° 02.5' E	Fl.(3)G. period 10s fl. 1s, ec. 1s fl. 1s, ec. 1s fl. 1s, ec. 5s	43 13	10	Black pole, orange bands; 20.	Fl.Y. 2s marks wave recorder 480 meters SE. * 30/04

NEW PLYMOUTH:

4804 <i>K 4090</i>		39° 03.4' S 174° 01.8' E	Fl.(2)W. period 5s fl. 0.5s, ec. 1s fl. 0.5s, ec. 3s	100 30	10	Gray iron tower, white top.	Visible 066°-127°, 133°-159°, and 171°-242°.
4808 <i>K 4092</i>		39° 03.1' S 174° 02.5' E	Fl.(3)G. period 10s fl. 1s, ec. 1s fl. 1s, ec. 1s fl. 1s, ec. 5s	43 13	10	Black pole, orange bands; 20.	Fl.Y. 2s marks wave recorder 480 meters SE. * 30/04

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.

Denotes a new entry when preceding the station number.

SECTION II

SUMMARY OF CORRECTIONS TO PUB 111, LIST OF LIGHTS, 2004 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
4812 K 4092.8	-Lee breakwater, head.	39° 03.4' S 174° 02.7' E	Q.(4)R. period 6s	43 13	5	Black column, yellow bands; 30.	
*				*			30/04
4828 K 4091	-AVIATION LIGHT.	39° 00.7' S 174° 10.7' E	Fl.W. period 3.7s fl. 0.2s, ec. 3.5s	138 42	15	Control tower.	Occasional. Aero Radiobeacon 0.5 mile N.
				*			30/04
5176 K 4246	-The Brothers.	41° 06.2' S 174° 26.5' E	Fl.W. period 10s	258 79	19	White wooden tower; 41.	Reserve light range 10M.
			Fl.R. period 10s	230 70	10		Visible 164°30'-169°30' over Cook Rock, obscured within 0.8M of light, visible 008°-014° over Awash Rocks. Reserve light range 9M.
				*	*	*	*
							37/04
8848 K 1802.51	-Rear, 2000 meters 252° from front.	35° 03.5' S 117° 51.0' E	F.Bu.	89 27		Orange rectangular daymark.	
		*					36/04
8853 K 1804.9	-Turning Basin Range.	35° 02.7' S 117° 54.4' E	Iso.W. period 8s		4	Red triangular daymark, point up.	
			*		*		36/04
8854 K 1804.91	-Rear, 325 meters 117°18' from front.	35° 02.8' S 117° 54.6' E	Iso.W. period 2s		5	Red triangular daymark, point down.	
		*	*		*		36/04
10736 K 4896.4	-Munda Range, front.	8° 20.2' S 157° 14.2' E	Fl.W. period 5s	23 7	2	White metal framework tower, white triangular daymark.	Visible 044°-064°.
		*			*		36/04
10740 K 4896.41	-Rear, 700 meters 054° from front.	8° 20.0' S 157° 14.5' E	Q.(3)W. period 15s fl. 0.5s, ec. 0.5s fl. 0.5s, ec. 0.5s fl. 0.5s, ec. 12.5s	39 12	5	Red and white steel framework tower, white triangle on black square daymark; 33.	Visible 044°-064°.
					*		36/04
10742 K 4894.8	-Hathorn Sound Range, front.	8° 15.3' S 157° 11.7' E	F.G.	16 5		White framework tower, white triangular daymark, point up.	
					*		36/04
10742.1 K 4894.81	-Rear, 170 meters 190° from front.	8° 15.0' S 157° 11.3' E	F.G.	26 8		White framework tower, white triangular daymark, point down.	
					*		36/04
10762 K 4893.42	-SW. entrance, 550 meters 032°32' to common rear.	8° 05.4' S 156° 51.6' E	Fl.(2)G. period 10s	10 3	3	Post, white triangular daymark.	
				*	*		36/04

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
 Denotes a new entry when preceding the station number.

SECTION II

SUMMARY OF CORRECTIONS TO PUB 111, LIST OF LIGHTS, 2004 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
10768 <i>K 4892.4</i>	-Nakaza Island.	7° 53.0' S 156° 30.0' E	Fl.W. period 10s	16 5	3	Orange and white metal framework tower.	*
14980 <i>G 3505</i>	-Harbor channel Range, front.			*	*	*	36/04
14984 <i>G 3505.1</i>	--Rear, 1,450 meters 018°30' from front.					Remove from list.	*
							29/04
14984	--Rear, 1,450 meters 018°30'					Remove from list.	*
							29/04

CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2004 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
16467 <i>F 4448.4</i>	-E. breakwater, head.	37° 32.4' N 129° 07.2' E	Fl.R. period 4s	59 18	7	Red square concrete tower; 36.	*
				*	*		37/04
16484 <i>F 4446.5</i>	Bugpyeong Hang, S. breakwater, head.	37° 29.7' N 129° 08.9' E	Fl.G. period 4s	52 16	8	White round tower; 36.	*
							37/04
16485	-S. breakwater.	37° 29.8' N 129° 08.7' E	F.W.	49 15		Visible 023°–045°.	*
							37/04
16487 <i>F 4437.2</i>	Samchok Hang.	37° 26.1' N 129° 11.5' E	Dir.F.W.R.G.	105 32	W. 21 R. 17 G. 17	White steel tower, 102.	R. 317°36'-319°12', W.- 320°48', G.-322°24'.
*					*		37/04
16504 <i>F 4434.2</i>	-Breakwater, head.	37° 17.1' N 129° 19.0' E	Fl.G. period 5s	56 17	5	White round steel tower; 33.	*
				*	*		37/04
18222 <i>F 4060</i>	Xian Jiao.	38° 57.8' N 121° 59.2' E	Fl.W. period 5s	69 21	15	White round fiberglass post, red bands on hexagonal base; 54.	
RACON		O(--)			*		37/04
18226 <i>F 4066</i>	Dayao Wan, S. breakwater, head.	39° 00.1' N 121° 54.0' E	F.R.	85 26	12	Round concrete pile, red and white stripes; 72.	Channel marked by buoys.
					*		37/04
18264 <i>F 4026</i>	--N. entrance, E. side.	38° 56.7' N 121° 38.8' E	F.R.	62 19	6	White round concrete pile; 62.	*
							37/04
18268 <i>F 4028</i>	--W. side.	38° 56.3' N 121° 38.2' E	F.R.	66 20	6	White square concrete pile; 62.	*
							37/04

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.

Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2004 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
18272 - -W. entrance, N. side. <i>F 4030</i>		38° 56.3' N 121° 38.2' E	F.R.	36 11	4	White round concrete pile; 30.	*
							37/04
18276 ---S. side. <i>F 4032</i>		38° 56.3' N 121° 38.2' E	F.W.	36 11	6	White round concrete pile; 27.	*
							37/04
18282 - -E. jetty. <i>F 4043</i>		38° 57.5' N 121° 38.0' E	F.W.	42 13	5	White round metal pile.	*
							37/04
PO HAI:							
18500 -Dagu. <i>F 3908</i>		38° 56.3' N 117° 58.8' E	Fl.W. period 10s	118 36	17	White round concrete tower, red and white checkered bands; 126.	Reserve light Fl.W. 10s 10M. Channel marked by lighted buoys and beacons.
-RACON			K(- - -)		15		Frequency coverage 9330-9450 MHz. Azimuth coverage 050°-130°.
							*
18526 -HSA Pier. <i>F 3753</i>		38° 58.9' N 117° 44.0' E	Fl.R. period 3s	36 11	5	Round structure, red and white bands; 27.	
	*						37/04
18784 Jigu Jiao. <i>F 3753</i>		31° 10.4' N 122° 23.0' E	Fl.W. period 5s	171 52	18	White round tower, red bands; 30.	Reserve light range 8M.
RACON			B(- - -)		*	*	*
					*	*	*
18816 Zhong Jun. <i>F 3767</i>		31° 06.7' N 121° 54.3' E	Fl.(3)Y. period 12s	28 9	4	SPECIAL Y, beacon, topmark.	
	*						37/04

CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
1520 - -S. mole, head. <i>D 1316</i>		45° 34.1' N 1° 03.7' W	Fl.R. period 4s fl. 1s, ec. 3s	26 8	4	White tower, red top; 56.	Shown by day in restricted visibility.
	*	*					37/04
1533 - -S. side. <i>D 1327.2</i>		45° 32.7' N 1° 02.4' W	Fl.G. period 2.5s fl. 0.5s, ec. 2s	39 12	3	Metal structure; 3.	Visible 000°-200°.
	*	*	*	*	*	*	*
							37/04

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
-Royan:							
1536 - S. Jetty. <i>D 1304</i>		45° 37.0' N 1° 01.8' W	Fl.(2)R. period 10s fl. 0.2s, ec. 2.3s fl. 0.2s, ec. 7.3s	36 11	12	White tower, red base; 33.	*
		*	*				37/04
1608 - Jetee Nord, head. <i>D 1387.3</i>		43° 31.8' N 1° 31.4' W	Iso.R. period 4s	39 12	8	White pylon, red top; 33.	Visible 296°-116°.
		*	*			*	37/04
1616 -S. breakwater, head. <i>D 1387.5</i>		43° 31.5' N 1° 31.8' W	Q.(9)W. period 15s	49 15	6	W. CARDINAL YBY, pylon, topmark; 46.	
		*			*	*	37/04
1696 -Digue des Criquas, head. <i>D 1422</i>		43° 23.9' N 1° 40.6' W	Iso.G. period 4s	36 11	6	Square green tower; 20.	*
							37/04
6640 -Fort St. Jean, Vieux Port, <i>E 0664</i> entrance, N. side.		43° 17.7' N 5° 21.7' E	Q.R.	36 11	5	Red pylon; 23.	*
							37/04
6648 -Tunnel, W. <i>E 0667</i>		43° 17.6' N 5° 21.8' E	Fl.G. period 4s fl. 1s, ec. 3s	16 5	3	White tank, dark green top on black dolphin, name in white; 13.	
		*			*		37/04
11320 Riccione, E. mole, head. <i>E 2390</i>		44° 00.0' N 12° 39.0' E	Fl.R. period 3s fl. 1s, ec. 2s	33 10	5	Red support.	Nautophone: Mo.(M) ev. 45s. Private light.
		*	*	*	*	*	*
							37/04
19420 Tirebolu. <i>E 5788</i>		41° 00.5' N 38° 49.3' E	Fl.W.R. (vert.) period 3s fl. 0.3s, ec. 2.7s	102 31	W. 10 R. 8	White framework tower on concrete base; 13.	
		*	*		*	*	
							37/04
19624 -N. breakwater, head. <i>E 5821</i>		41° 27.6' N 31° 46.8' E	Fl.R. period 5s fl. 1s, ec. 4s	62 19	10	Concrete column; 39.	Signal station at elbow of breakwater.
		*	*		*	*	
							37/04
20880 -W. breakwater, head. <i>E 5880.2</i>		34° 39.9' N 33° 02.5' E	Fl.R. period 3s	39 12	6	Metal post; 39.	
		*	*		*		
							37/04
20888 - -S. breakwater, head. <i>E 5877</i>		34° 39.0' N 33° 02.0' E	Q.(6)R. period 10s	30 9	12	Metal post.	
		*		*	*		
							37/04

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.

Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
23908 -Muelle de Ribera. <i>D 2826.86</i>	28° 27.4' N 16° 14.9' W	Fl.(4).R. period 11s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	26 8	3	Red post.		
		*	*	*	*	*	37/04
23909 - -Inside mole, head. <i>D 2826.78</i>	28° 27.6' N 16° 14.7' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s	20 6	1	Green truncated pyramidal tower; 10.		
		*	*	*	*	*	37/04
*23911 -Ro Ro Terminal. <i>D 2826.87</i>	28° 27.5' N 16° 14.9' W	Fl.R. period 5s fl. 0.5s, ec. 4.5s	20 6	1	Red truncated pyramidal tower; 7.		
							37/04
23913 - -W. extremity. <i>D 2826.74</i>	28° 27.4' N 16° 14.8' W	Fl.(4)G. period 11s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	20 6	3	Green metal post; 7.		
		*	*	*	*	*	37/04
23917 - -W. breakwater, head. <i>D 2826.82</i>	28° 27.2' N 16° 14.8' W	Fl.(3)R. period 10s fl. 1s, ec. 1s fl. 1s, ec. 1s fl. 1s, ec. 5s	26 8	9	Red post.	Q.(6).+L.Fl.W. 15s 15m 3M light 600 meters SW.	
		*		*	*	*	37/04

CORRECTIONS TO PUB 114, LIST OF LIGHTS, 2004 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
2264 Berwick Upon Tweed, <i>A 2818</i> breakwater, head.	55° 46.0' N 1° 59.0' W	Fl.W. period 5s fl. 0.5s, ec. 4.5s	49 15	6	White round stone tower, red cupola and base; 43.	Visible 201°-009°.	
		F.G.	26 8	1		Visible 009°-155°.	
				*		*	37/04
2440 ---Beacon "E", 295°. <i>A 2941.5</i>						Remove from list.	
						*	37/04
*4734 - Traffic signal. <i>A 4555</i>	55° 33.0' N 4° 41.1' W	VQ.Y.	26 8	3	Gray lattice tower; 16.	Occas. Displayed when the fast ferry is about to arrive or depart the W pier and indicates harbor is temporarily closed.	
							37/04

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.

Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO PUB 114, LIST OF LIGHTS, 2004 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
8380 A 1496	--NW. corner.	49° 39.0' N 1° 37.0' W	Fl.(3)R. period 12s fl. 1s, ec. 1.5s fl. 1s, ec. 1.5s fl. 1s, ec. 6s	20 6	6	White column, red lantern; 20.	
			*				37/04
8384 A 1498.5	--W. side.	49° 38.8' N 1° 37.0' W	Fl.(4)R. period 15s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 7s	10 3	3	Red post; 3.	Visible 006°-186°.
			*				37/04
8386 A 1499.5	-Inner jetty.	49° 38.8' N 1° 37.1' W	Fl.(4)G. period 15s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 2s fl. 0.5s, ec. 7s	13 4	2	White tower, green top; 10.	
			*				37/04
8388 A 1499	-Marina, pier, head.	49° 38.9' N 1° 37.2' W	Fl.(3)G. period 12s fl. 1s, ec. 1.5s fl. 1s, ec. 1.5s fl. 1s, ec. 6s	23 7	6	Green column; 20.	
			*				37/04

CORRECTIONS TO PUB 116, LIST OF LIGHTS, 2004 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*Delete Heading:							
*GOTEBORG APPROACH:							
1125 C 0583.6	-Skandiahamnen Range, front.						Remove from list.
			*				37/04
1125.1 C 0583.61	-Rear, 400 meters, 054°12' from front.						Remove from list.
			*				37/04
17912.5	-Lotsgrund.	63° 11.1' N 20° 43.0' E	Q.W.	41 12	4	N. CARDINAL BY, beacon.	
			*				37/04

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.

Denotes a new entry when preceding the station number.

SECTION II

PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 37/04

Note: * indicates New Edition/New Publication; ** indicates Publication Canceled; N indicates Not For Sale

NGA Reference No.	Ed.	Notice to Mariners No.	NGA Reference No.	Ed.	Notice to Mariners No.	NGA Reference No.	Ed.	Notice to Mariners No.	
NGA HYDRO CATALOG CATP2V01U									
Region 1	2002	1*,2,3,4,7,8,9,10,11, 14,15,17,19,20,21, 22,23,24,25,26,27, 28,29,30,31,32,35, 36,37,38,39,40,41, 42,43,44,45,46,47, 48,50,51,52/03;1,2, 3,5,6,8,9,10,11,12, 13,14,15,16,17,18, 19,20,21,22,23,24, 25,26,28,29,30,31, 32,33,34,36,37/04	CDPUBSD145 CDPUBSD146 CDPUBSD153 CDPUBSD155 CDPUBSD157 CDPUBSD158 CDPUBSD160 CDPUBSD164 CDPUBSD171 CDPUBSD172 CDPUBSD174 CDPUBSD191 CDPUBSD192	2003 2002 2003 2004 2004 2003 2004 2004 2004 2004 2004 2004 2004	51/03* 4/03* 26/04* 29/04* 29/04* 24/03* 25/04* 36/04* 36/04* 37/04* 26/04* 29/04* 36/04*	COMDTM165023 COMDTM165024 COMDTM165025 COMDTM165026 COMDTM165027	2004 2004 2004 2004 2004	23*,24,25,26,27,28, 29,30,31,32,33,34, 35,36,37/04 23*,24,25,26,27,28, 29,30,31,32,33,34, 35,36,37/04 22/04* 22*,23,24,25,26,27, 28,29,30,31,32,33, 34,35,36,37/04 22*,23,24,25,26,28, 29,30,32,34,36, 37/04	
Region 2	2002	1*,8,15,17,20,21,22, 23,24,26,28,30,32, 33,34,44,48,52/03;2, 3,5,7,10,11,14,15, 20,22,24,25,33, 34/04	CDPUBSD193 CDPUBSD194 SDPUB120	2004 2004 2001	27/04* 28/04* 12*,18,48,49,51/01; 8,13,14,21,22,24,29, 33,35,37,42,43,44, 45,47/02;4,6,7,8,9, 10,11,12,14,17,20, 21,23,29,30,31,41, 42,44,45,52/03;5,9,	FLEET GUIDES	2004	N17/04*	
Region 3	2002	1/03*:19,23,24,28, 31,32,33,34,36, 37/04	SDPUB123	2001	12,14,15/04 45*,47,48/01;1,14, 17,18,19/02;24,25, 27,28,32,38,42/03	CDPUBFGPAC FGPUB940ATL	2001	N47/01*	
Region 4	2002	1*,23,43/03	SDPUB126	2002	39*,41,42,43,44,45, 48/02;24,26,27,28, 30,32,41/03;12,16, 23,24/04	NOS MISCELLANEOUS PUBLICATIONS	2000	34/00*	
Region 5	2002	1*,3,5,8,22,27,30, 33,38,48/03;1,9,10, 14,20,37/04	SDPUB147	2001	35/01*:21,22,23, 24/02;39,40,41,46, 50/03;10,12,15, 19/04	NOSPBCATALOG2 NOSPBCATALOG3 NOSPBCATALOG4 NOSPBCATALOGA NOSPBCATALOGG	2000 2000 2000 2003 2003	28/00* 34/00* 34/00* 19/04* 19/04*	
Region 6	2002	1*,10,11,13,16,19, 20,21,25,28,30,33, 38,50/03;11,37/04	SDPUB148	2001	48/01*:23,24/02;22, 42,43,45,48,50, 52/03;5,13,14,22,32, 33/04	ALMANACS	2005	34/04*	
Region 7	2002	1*,11,15,28/03;31, 32/04	SDPUB154	2002	17*,19,31,42,44,45, 46,48,50/02;3,14,19, 23,30,41,42,47/03; 10,12,13,16,19,20, 28,30,31,33/04	AIRALMANAC501 NAUTALMANAC05	2005 2005	34/04*	
Region 8	2002	1*,14,37,41,46, 52/03	SDPUB159	2002	42*,48/02;10,13, 15/04	COAST PILOT	34	18*,21,24,33,34/04	
Region 9	2002	1*,34,40,43,45,48, 50,51,52/03;1,7,11, 14,15,21/04	SDPUB161	2002	23*,24,44,47,48/02; 5,12/03;10,14/04	NOSPBCP1 NOSPBCP2	33	5*,6,9,20,25,26,27, 31,34,37/04	
Miscellaneous Charts and Publications	2002	1*,2,4,5,6,7,9,11,12, 13,15,17,18,19,20, 21,23,24,25,27,28, 29,30,31,32,33,34, 36,37,38,39,41,42, 43,45,46,47,48,49, 51,52/03;1,4,5,6,7,9, 10,11,13,14,16,17, 18,19,20,21,22,23, 24,25,26,27,28,29, 30,32,34,35,36, 37/04	SDPUB162	2001	51/01*:5,12/03; 12/04	NOSPBCP3	37	14*,18,21,25,28,33, 36,37/04	
NGA LIST OF LIGHTS	LLPUB110	2004	10*,14,15,19,21,22, 23,24,29,30,31,32, 33,34,35,36,37/04	SDPUB163	2002	18*,20,21,26,46, 51/02;13,24,26,27, 28,29,30,31,39,40, 41,43,47,48/03;12, 16,23,24/04	NOSPBCP4	35	34*,36,39,42,44,46, 47,51/03;6,7,8,9,11, 12,19,20,21,24,26, 27,28,32,33,34/04
LLPUB111	2004	37/04*	SDPUB173	2002	50*,51/02;3,22,24, 25,26,27,32,33,34, 37,38,49,50/10/3; 13,16,17/04	NOSPBCP5 NOSPBCP6	32	30*,31,33,34,37/04	
LLPUB112	2004	7*,9,10,11,12,14,15, 16,17,18,19,20,21, 22,23,24,25,26,27, 30,33,34,35,36, 37/04	SDPUB175	2001	41*,43,45,51/01;8, 11,12,13,14,16,17, 21,27,37,41,49/02; 26,27,29,32,37,38, 43,47/03	RADIO NAVIGATIONAL AIDS	34	13*,18,19,25,26,27, 31,34,36,37/04	
LLPUB113	2003	46*,48,49,50,51, 52/03;1,2,3,4,5,6,7, 8,9,10,11,12,13,14, 15,16,17,18,19,20, 21,22,23,24,25,26, 27,28,29,30,31,32, 33,34,35,36,37/04	SDPUB180	2002	32*,33,42,47,48, 50/02;6,13,14,17,21, 24,42,44,47,48,49, 51/03;19,21,28, 35/04	NVPUB9	2002	36/02*,14,38/03	
LLPUB114	2004	18*,21,22,23,24,25, 26,27,29,30,31,32, 37/04	SDPUB181	2002	38*,39/02	AMERICAN PRACTICAL NAVIGATOR	2002	36/02*,14,38/03	
LLPUB115	2003	42*,44,46,47,48,49, 51,52/03;1,3,5,7,10, 12,13,14,15,16,17, 20,22,23,24,26,27, 28,29/04	SDPUB182	2001	8*,10,12,41/02; 17/03	CDPUBNV102	2003	20/03*	
LLPUB116	2004	23*,28,30,31,33, 37/04	SDPUB183	2001	27/01*:13,15,16/02; 18/03	INTERNATIONAL CODE OF SIGNALS	2000	50/00*,14,15,16,20, 21,41,42,43,44,45, 46,47,48,49,51, 52/01;1,2,5,6,10,11, 12,16,19,21,22,27, 31,32,33,36,39,40, 42,46,49/02;2,7,10, 15,20/03	
SAILING DIRECTIONS	CDPUBSD124	2004	25/04*	SDPUB195	2002	33*,40,49,51,52/02; 1,2,3,15,16,21,32, 33,41,43,46,49/03;1, 12,23,33,36/04	WORLD PORT INDEX	2000	50/00*,14,15,16,20, 21,41,42,43,44,45, 46,47,48,49,51, 52/01;1,2,5,6,10,11, 12,16,19,21,22,27, 31,32,33,36,39,40, 42,46,49/02;2,7,10, 15,20/03
	CDPUBSD125	2004	27/04*	SDPUB200	2002	38*,39,42/02;22,27, 34,41,51,52/03; 27/04	NVPUB151	2001	4/02*
	CDPUBSD127	2004	29/04*	USCG LIGHT LIST VOLUMES I - VII	2004	22*,23,24,25,27,28, 29,30,31,32,33,34, 35,36/04	RADAR NAVIGATION AND MANEUVERING BOARD MANUAL	2001	51/01*
	CDPUBSD131	2002	9/03*	COMDTM165021	2004	23*,24,25,26,27,28, 29,30,31,32,33,34, 35,36/04	CDPUBNV1310	2001	51/01*
	CDPUBSD132	2003	6/04*	COMDTM165022	2004	23*,24,25,26,27,28, 29,30,31,33,34,36, 37/04	SIGHT REDUCTION TABLES (MARINE)		
	CDPUBSD140	2003	25/04*				SRPUB229V1	1970	11/71*
	CDPUBSD141	2004	36/04*				SRPUB229V2	1970	11/71*
	CDPUBSD142	2004	24/04*				SRPUB229V3	1970	7/71*
	CDPUBSD143	2003	46/03*				SRPUB229V4	1970	3/71*
							SRPUB229V5	1970	3/71*

SECTION II

**PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 37/04**

Note: * indicates New Edition/New Publication; ** indicates Publication Canceled; N indicates Not For Sale

NGA Reference No.	Ed.	Notice to Mariners No.		
SRPUB229V6	1970	23/70*		
SIGHT REDUCTION TABLES (AIR)				
SRPUB249V1	2000	4/01*		
SRPUB249V2	1952	46/52*		
SRPUB249V3	1952	46/52*		
CHART NO. 1				
WOBZC1	1997	18/98*		
CHART NO. 4				
WOBZC4	1988	N23/91*		
ATLAS OF PILOT CHARTS				
NVPUB106	2002	42/03*		
NVPUB107	1998	30/99*		
NVPUB109	2001	49/02*		
USCG NAVIGATION RULES				
COMDTM166722D	1999	44/99*;52/00;16/04		
NOS TIDE TABLES				
NOSPBTTCWPACIN4	2004	N1/04*		
NOSPBTTECSTNSA4	2004	N1/04*		
NOSPBTTEURAFR4	2004	N1/04*		
NOSPBTWCSTNSA4	2004	N1/04*		
TIDAL CURRENT TABLES				
NOSPBTCTATCSTN4	2004	N1/04*		
NOSPBTCTPACAS4	2004	N1/04*		

SECTION III

NM 37/04

BROADCAST WARNINGS

Details concerning the particulars of the broadcasting of radio navigational warnings may be found in Radio Navigational Aids, Pub. 117.

NAVAREA IV

Messages in force 261200Z August 2004:

2003 series	128(26)	243(GEN)	275(51)	283(GEN)
108(26,27)	198(11)	265(GEN)	281(11,26)	
2004 series	226(14)	271(GEN)	282(GEN)	

The summary of all NAVAREA IV messages in force as of 11 December 2003 is given in Section III of NM 52/03. Warnings issued during the subsequent quarters are issued in NM 13/04 and 26/04.

NAVAREA IV WARNINGS issued from 191100Z to 261200Z August 2004.

281/04(11,26). NORTH ATLANTIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS:

- A. 0400Z TO 0359Z COMMENCING DAILY
23 THRU 29 AUG IN AREA BOUND BY
30-45N 080-54W, 30-45N 080-11W,
30-36N 080-11W, 30-33N 080-55W.
- B. 0400Z TO 0359Z COMMENCING DAILY
23 THRU 29 AUG IN AREA BETWEEN
29-20N 29-10N AND 079-50W 079-40W.
- C. 1300Z TO 0359Z COMMENCING DAILY 24
AND 26 AUG AND 0400Z TO 0700Z DAILY
25 AND 27 AUG IN AREA BETWEEN
30-00N 29-50N AND 81-00W 80-50W.

2. CANCEL THIS MSG 300459Z AUG.

(201309Z AUG 2004)

282/04(GEN). NORTH ATLANTIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 272306Z TO 280026Z AUG, ALTERNATE
282302Z TO 290022Z AUG IN AREAS BOUND BY:

- A. 28-25N 080-33W, 28-28N 080-36W,
28-31N 080-34W, 28-58N 080-00W,
28-56N 079-58W, 28-26N 080-29W.
- B. 28-35N 080-33W, 28-41N 080-27W,
28-32N 080-18W, 28-25N 080-25W.
- C. 29-19N 079-55W, 30-10N 078-57W,
29-53N 078-35W, 29-01N 079-34W.
- D. 34-00N 074-50W, 36-30N 071-40W,
35-40N 070-40W, 33-10N 073-50W.
- E. 38-56N 068-44W, 41-12N 065-35W,
40-13N 064-30W, 37-55N 067-36W.

2. CANCEL THIS MSG 290122Z AUG.

(201734Z AUG 2004)

283/04(GEN).

1. NAVAREA IV MESSAGES IN FORCE 250800Z AUG 2004. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2004 SERIES: 243(GEN), 265(GEN), 271(GEN), 275(51), 281(11,26), 282(GEN), 283(GEN).
2. THE SUMMARY OF ALL NAVAREA IV MESSAGES IN FORCE AS OF 11 DEC 2003 IS GIVEN IN SEC III OF NM 52/03. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 26/04.
3. CANCEL NAVAREA IV 280/04.

(251354Z AUG 2004)

SECTION III

HYDROLANTS

Messages in force 261200Z August 2004:

2002 series	2414(54)	1019(24)	1251(37)	1337(51)	1397(13,14,25,26)
245(GEN)	2416(54)	1033(37)	1252(36,38)	1345(53)	1400(51)
246(GEN)	2418(52)	1042(53)	1256(37)	1355(37,51)	1401(24)
2003 series	2419(54)	1051(53)	1266(53)	1357(52,53)	1402(52)
604(26,27)	2420(54)	1084(53,56)	1269(52)	1366(37)	1403(53)
1422(53)	2004 series	1104(37,43)	1271(53)	1370(55)	1404(52)
1472(35)	224(24)	1130(53)	1274(24)	1371(52,53)	1405(51)
2203(53)	272(24)	1136(37,43)	1279(36)	1380(55)	1406(GEN)
2297(24)	631(37)	1162(36)	1280(57)	1382(43)	1407(55)
2406(54)	649(55)	1199(36)	1286(36)	1384(55)	1408(51)
2407(54)	650(55)	1214(36)	1290(37)	1385(37)	1409(35)
2408(54)	668(56)	1219(35)	1297(55)	1388(55)	
2409(54)	805(24)	1235(37,51)	1298(53)	1389(53)	
2410(54)	850(24)	1241(35)	1303(GEN)	1391(53)	
2413(54)	1018(43)	1250(55)	1308(53,56)	1396(23)	

The summary of all HYDROLANTS in force as of 11 December 2003 is given in Section III of NM 52/03.
Warnings issued during the subsequent quarters are issued in NM 13/04 and 26/04.

HYDROLANT WARNINGS issued from 191100Z to 261200Z August 2004.

1378/04 and 1379/04. CANCELED.

1380/04(55). BLACK SEA. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 240500Z TO 250500Z AUG
AND 260600Z TO 261300Z AUG IN AREA BOUND BY
44-43.8N 032-52.2E, 44-34.8N 032-37.4E,
44-39.0N 032-11.5E, 44-48.4N 032-08.2E,
45-00.2N 032-14.2E, 44-52.2N 032-41.6E.
2. CANCEL THIS MSG 261400Z AUG.

(191130Z AUG 2004)

1381/04. CANCELED.

1382/04(43). NORTH SEA.

SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE
BY M/V RAMFORM VALIANT TOWING TEN 4500 METER
LONG CABLES IN AREA BETWEEN
56-53N 57-30N AND 000-45E 001-16E.
WIDE BERTH REQUESTED.

(191749Z AUG 2004)

1383/04. CANCELED.

1384/04(55). BLACK SEA.

1. UNDERWATER OPERATIONS 222100Z TO 302100Z AUG BY
M/V POCACHEV IN AREA BOUND BY
44-46.5N 035-50.0E, 44-43.0N 035-50.0E,
44-38.2N 035-15.0E 44-46.5N 035-15.0E.
ONE MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 1368/04.
3. CANCEL THIS MSG 302200Z AUG.

(200801Z AUG 2004)

1385/04(37). BAY OF BISCAY.

MAN OVERBOARD FROM M/V SINAN ATASOY VICINITY
46-20.3N 005-15.5W AT 200430Z AUG. VESSELS IN
VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO MRCC ETEL,
INMARSAT-C: 422799025, TELEX: 42950519,
PHONE: 332 9755 3535, FAX: 332 9755 4934.

(201019Z AUG 2004)

1386/04 and 1387/04. CANCELED.

SECTION III

1388/04(55). BLACK SEA. MISSILES.

1. HAZARDOUS OPERATIONS 260900Z TO 262000Z AUG AND 270900Z TO 271800Z AUG IN AREA BOUND BY
44-24.7N 028-45.0E, 44-29.5N 028-55.5E,
44-23.7N 029-33.0E, 44-18.8N 029-31.4E,
44-01.1N 029-20.3E, 43-57.0N 029-15.5E,
44-15.0N 028-45.2E, 44-22.0N 028-42.4E.
2. CANCEL THIS MSG 262100Z AUG.

(201747Z AUG 2004)

1389/04(53). GHAWDEX.

CHART 53204 (10TH ED).
GURDEN (GORDAN) LIGHTHOUSE 36-04.4N 014-13.1E UNLIT.

(202110Z AUG 2004)

1390/04. CANCELED.

1391/04(53). MEDITERRANEAN SEA.

1. CABLE REPAIR OPERATIONS 23 AUG UNTIL FURTHER NOTICE BY CABLESHIP RENE DESCARTES IN AREA BOUND BY
43-32.1N 007-02.6E, 43-31.2N 007-04.5E,
43-29.0N 007-05.5E, 43-29.0N 007-07.5E,
43-32.0N 007-06.3E, 43-32.9N 007-03.3E.
WIDE BERTH REQUESTED.
2. CANCEL HYDROLANT 1342/04, OPERATIONS COMPLETED.

(210845Z AUG 2004)

1392/04 thru 1395/04. CANCELED.

1396/04(23). SOUTH ATLANTIC.

1. DERELICT F/V MARBELLA ADRIFT IN 41-31S 059-34W.
2. CANCEL THIS MSG 30 AUG.

(230202Z AUG 2004)

1397/04(13,14,25,26). NORTH ATLANTIC.

1. DERELICT 38 FOOT S/V SENNEN, BLACK HULL, ADRIFT IN 34-48.6N 065-04.3W.
2. CANCEL THIS MSG 30 AUG.

(231146Z AUG 2004)

1398/04 and 1399/04. CANCELED.

1400/04(51). NORTH ATLANTIC.

1. OCEANOGRAPHIC OPERATIONS 27 AUG THRU 24 SEP BY M/V LE SUROIT IN AREA BETWEEN 35-20N 36-50N AND 006-30W 009-20W. WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 25 SEP.

(231912Z AUG 2004)

1401/04(24). BRAZIL-SOUTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 270259Z AUG BY VESSEL CGG SYMPHONY TOWING EIGHT 6000 METER LONG CABLES IN AREA BETWEEN 23-50S 24-55S AND 041-10W 040-25W. FOUR MILE BERTH REQUESTED.
2. CANCEL THIS MSG 270359Z AUG.

(240933Z AUG 2004)

1402/04(52). TUNISIA-NORTHEAST COAST.

1. PIPELINE OPERATIONS 01 SEP THRU 01 OCT BY M/V AKYRA IN AREA BOUND BY
37-01.6N 011-03.4E, 37-02.0N 011-06.3E,
37-01.0N 011-06.5E, 37-00.5N 011-03.6E.
1000 METER BERTH REQUESTED.
2. CANCEL THIS MSG 02 OCT.

(241318Z AUG 2004)

1403/04(53). EASTERN MEDITERRANEAN SEA.

1. 15 METER LONG GREEN DRUMS ADRIFT AT 242017Z AUG IN:
A. 34-49N 014-05E.
B. 34-53N 014-16E.
2. CANCEL THIS MSG 31 AUG.

(242055Z AUG 2004)

1404/04(52). STRAIT OF SICILY.

CHART 52170 (3RD ED).
DANGEROUS WRECK IN 37-00N 011-14E.

(251015Z AUG 2004)

SECTION III

NM 37/04

- 1405/04(51). EASTERN MEDITERRANEAN SEA. ORDNANCE.
1. UNDERWATER ORDNANCE DETONATIONS 271000Z TO 271300Z AUG
WITHIN 20 MILES OF 35-15N 020-35E.
2. CANCEL THIS MSG 271400Z AUG.

(251231Z AUG 2004)

- 1406/04(GEN).
1. HYDROLANT MESSAGES IN FORCE 250800Z AUG 2004. ONLY THOSE
MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2004 SERIES: 1199(36), 1219(35), 1235(37,51), 1241(35),
1250(55), 1251(37), 1252(36,38), 1256(37), 1266(53),
1269(52), 1271(53), 1274(24), 1279(36), 1280(57), 1286(36),
1290(37), 1297(55), 1298(53), 1303(GEN), 1308(53,56), 1320(52),
1337(51), 1340(52), 1345(53), 1355(37,51), 1357(52,53),
1366(37), 1370(55), 1371(52,53), 1380(55), 1382(43),
1384(55), 1385(37), 1388(55), 1389(53), 1391(53), 1396(23),
1397(13,14,25,26), 1400(51), 1401(24), 1402(52), 1403(53),
1404(52), 1405(51), 1406(GEN).
2. THE SUMMARY OF ALL HYDROLANT MESSAGES IN FORCE AS OF 11 DEC 2003
IS GIVEN IN SEC III OF NM 52/03. WARNINGS ISSUED DURING THE
SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 26/04.
3. CANCEL HYDROLANT 1999/03, 1077/04, 1231/04, 1339/04, 1369/04.

(251356Z AUG 2004)

- 1407/04(55). BLACK SEA. GUNNERY.
1. GUNNERY EXERCISES 1400Z TO 1900Z DAILY 30 AUG
THRU 03 SEP IN AREA BOUND BY
45-03.5N 036-22.5E, 44-52.1N 036-22.5E,
44-49.6N 035-50.5E, 44-59.9N 035-50.5E.
2. CANCEL THIS MSG 032000Z SEP 04.

(251445Z AUG 2004)

- 1408/04(51). NORTH ATLANTIC.
1. OCEANOGRAPHIC OPERATIONS 25 THRU 28 AUG
BY M/V PELAGIA IN AREA BETWEEN
35-40N 36-40N AND 007-00W 008-10W.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 29 AUG.

(251640Z AUG 2004)

- 1409/04(35). SCOTLAND-NORTH COAST.
CHART 35200 (7TH ED).
SULE SKERRY LIGHT 59-05N 004-24W UNRELIABLE.

(252140Z AUG 2004)

SECTION III**NAVAREA XII**

Messages in force 261200Z August 2004:

2004 series	186(17)	218(19)	226(GEN)	230(18)	231(GEN)
-------------	---------	---------	----------	---------	----------

The summary of all NAVAREA XII messages in force as of 11 December 2003 is given in Section III of NM 52/03. Warnings issued during the subsequent quarters are issued in NM 13/04 and 26/04.

NAVAREA XII WARNINGS issued from 191100Z to 261200Z August 2004.

230/04(18). EASTERN NORTH PACIFIC. MISSILES.

1. INTERMITTENT MISSILE FIRING OPERATIONS 0001Z TO 2359Z DAILY MONDAY THRU SUNDAY IN THE NAVAL AIR WARFARE CENTER SEA RANGE. THE MAJORITY OF MISSILE FIRINGS TAKE PLACE 1400Z TO 2359Z AND 0001Z TO 0200Z DAILY MONDAY THRU FRIDAY. THE SEA RANGE IS BOUND AS FOLLOWS:

A. 34-02N 119-04W.	M. THENCE THREE NAUTICAL MILES FROM AND PARALLEL
B. 33-52N 119-06W.	TO THE SHORELINE.
C. 33-29N 119-07W.	N. 34-24N 120-30W.
D. 33-29N 118-37W.	O. 34-08N 120-26W.
E. 33-20N 118-37W.	P. 34-08N 119-40W.
F. 32-11N 120-16W.	Q. 34-00N 119-40W.
G. 31-54N 121-35W.	R. 34-06N 119-13W.
H. 35-09N 123-39W.	S. 34-06N 119-11W.
I. 35-29N 123-00W.	T. 34-07N 119-10W.
J. 35-04N 122-43W.	U. 34-07N 119-07W.
K. 35-57N 121-32W.	V. 34-04N 119-04W.
L. 34-59N 120-42W.	
2. VESSELS MAY BE REQUESTED TO ALTER COURSE WITHIN THE ABOVE AREA DUE TO FIRING OPERATIONS AND ARE REQUESTED TO CONTACT PLEAD CONTROL ON 5081.5 KHZ (5080 KHZ) OR 3238.5 KHZ (3237 KHZ) SECONDARY OR 156.8 MHZ (CH 16) OR 127.55 MHZ BEFORE ENTERING THE ABOVE BOUNDARIES AND MAINTAIN CONTINUOUS GUARD WHILE WITHIN THE RANGE.
3. VESSELS INBOUND AND OUTBOUND FOR SOUTHERN CALIFORNIA PORTS WILL CREATE THE LEAST INTERFERENCE TO FIRING OPERATIONS DURING THE SPECIFIC PERIODS, AS WELL AS ENHANCE THE VESSEL'S SAFETY WHEN PASSING THROUGH THE VICINITY OF THE SEA RANGE. IF THEY WILL TRANSIT VIA THE SANTA BARBARA CHANNEL AND WITHIN NINE MILES OFFSHORE VICINITY OF POINT MUGU OR CROSS THE AREA SOUTHWEST OF SAN NICOLAS ISLAND BETWEEN SUNSET AND SUNRISE.
4. CANCEL NAVAREA XII 228/04.

(231313Z AUG 2004)

231/04(18).

1. NAVAREA XII MESSAGES IN FORCE 250800Z AUG 2004. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 2004 SERIES: 218(19), 226(GEN), 230(18), 231(GEN).
2. THE SUMMARY OF ALL NAVAREA XII MESSAGES IN FORCE AS OF 11 DEC 2003 IS GIVEN IN SEC III OF NM 52/03. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 26/04.
3. CANCEL NAVAREA XII 229/04.

(251401Z AUG 2004)

SECTION III

NM 37/04

HYDROPACS

Messages in force 261200Z August 2004:

2001 series	727(22)	1011(62)	1157(75)	1271(63)	1341(73)
1976(62)	754(62)	1025(74)	1167(22)	1272(GEN)	1343(62)
2002 series	763(62)	1033(62)	1177(GEN)	1273(63)	1346(81)
205(GEN)	778(75)	1049(61)	1180(22)	1278(63)	1349(63)
206(GEN)	779(97)	1050(74)	1182(71)	1281(93)	1352(76)
2003 series	795(62)	1052(74)	1193(71)	1286(22)	1355(63)
207(62)	801(61)	1066(62)	1215(63)	1288(62)	1357(63)
506(62)	817(74)	1076(74)	1218(95)	1289(62)	1358(95)
993(62)	840(63)	1081(74)	1219(71)	1293(62)	1360(63)
998(71)	842(61)	1084(62)	1220(95)	1295(71)	1361(81)
1041(71)	843(61)	1092(63)	1221(95)	1305(63)	1363(96)
1330(62)	890(71)	1112(74)	1222(95)	1311(63)	1365(75)
1395(62)	891(71)	1115(63)	1225(95)	1313(83)	1367(63)
1699(63)	904(63)	1122(63)	1227(71,93)	1322(19)	1369(63)
1911(62)	910(22)	1123(63)	1229(95)	1324(73)	1371(22)
1982(GEN)	932(22)	1124(74)	1232(95)	1326(63)	1374(62)
2265(62)	940(62)	1138(75)	1233(95)	1327(62)	1375(61)
2004 series	948(96)	1139(93)	1238(81,92)	1328(22)	1376(61)
23(62)	967(74)	1151(63)	1239(81,92)	1330(62)	1377(GEN)
278(63)	981(74)	1152(63)	1254(62)	1331(29)	1378(63)
329(71)	988(63)	1153(63,71)	1263(63)	1333(93)	1379(74)
455(73)	996(94,95)	1155(63)	1266(96)	1334(74)	1380(81)
694(62)	1000(63)	1156(63)	1268(93)	1340(96)	1381(92)

The summary of all HYDROPACS in force as of 11 December 2003 is given in Section III of NM 52/03.
Warnings issued during the subsequent quarters are issued in NM 13/04 and 26/04.

HYDROPAC WARNINGS issued from 191100Z to 261200Z August 2004.

1353/04 and 1354/04. CANCELED.

1355/04(63). INDIA-WEST COAST.

M/V KEN EXPLORER AGROUND IN 20-42.8N 071-59.3E.

(200707Z AUG 2004)

1356/04. CANCELED.

1357/04(63). INDIA-NORTHEAST COAST.

F/V SAI SARANI, 13 PERSONS ON BOARD, CAPSIZED AND
IN NEED OF ASSISTANCE IN 20-39.8N 087-59.6E AT 200630Z AUG.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO MRCC CHENNAI,
INMARSAT-C: 441907510, PHONE: 9144 2539 5017,
FAX: 9144 2539 0718.

(200911Z AUG 2004)

1358/04(95). YELLOW SEA. GUNNERY.

1. GUNNERY EXERCISES 250030Z TO 250900Z AUG, ALTERNATE
0030Z TO 0900Z DAILY 26 THRU 28, 30 AND 31 AUG IN AREA
BOUND BY 36-40.6N 126-10.4E, 36-38.2N 125-59.9E,
35-01.3N 125-42.8E, 34-58.4N 126-17.6E.
2. CANCEL THIS MSG 311000Z AUG.

(200956Z AUG 2004)

1359/04. CANCELED.

1360/04(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0330Z TO 1530Z
24 AND 27 AUG IN AREA BOUND BY
09-57.6N 075-59.5E, 09-57.7N 076-14.2E,
09-40.0N 076-14.5E, 09-42.5N 076-09.5E.
2. CANCEL THIS MSG 271630Z AUG.

(201610Z AUG 2004)

1361/04(81). NORTH PACIFIC. MISSILES.

1. HAZARDOUS OPERATIONS 2145Z TO 0330Z COMMENCING
DAILY 25 THRU 28 AUG IN AREA BOUND BY
09-24N 167-28E, 09-24N 167-36E,
11-00N 168-00E, 09-48N 166-06E.
2. CANCEL THIS MSG 290430Z AUG.

(201756Z AUG 2004)

SECTION III

1362/04. CANCELED.

1363/04(96). SOUTH PACIFIC.
CHART 96901 (3RD ED).
KAMO SHIMA LIGHT 43-44.7N 146-41.6E DESTROYED.

(211423Z AUG 2004)

1364/04. CANCELED.

1365/04(75). AUSTRALIA-SOUTHEAST COAST.
CHART 75262 (6TH ED).
WOLLONGONG HEAD LIGHT 34-25.3S 150-54.6E DISCONTINUED.

(220052Z AUG 2004)

1366/04. CANCELED.

1367/04(63). INDIA-WEST COAST. ROCKETS.

1. HAZARDOUS OPERATIONS 1330Z TO 1700Z
DAILY 25 AND 26 AUG IN AREAS:
A. WITHIN FIVE MILES OF 08-31.9N 076-52.1E
BETWEEN 190 DEGREES AND 300 DEGREES FROM COAST.
B. WITHIN 75 MILES OF 08-31.9N 076-52.1E
BETWEEN 220 DEGREES AND 260 DEGREES FROM COAST.
2. CANCEL THIS MSG 261800Z AUG.

(231345Z AUG 2004)

1368/04. CANCELED.

1369/04(63). INDIA-EAST COAST.
CHART 63290 (7TH ED).
YAKALAPUDI LIGHT 17-00.8N 082-17.1E UNLIT.

(241330Z AUG 2004)

1370/04. CANCELED.

1371/04(22). PERU.
CHART 22008 (35TH ED).
ISLA MAZORCA LIGHT 11-23.1S 077-44.5W UNLIT.

(241456Z AUG 2004)

1372/04 and 1373/04. CANCELED.

1374/04(62). PERSIAN GULF. GUNNERY.
1. GUNNERY EXERCISES 01 SEP WITHIN
15 MILES OF 28-45N 049-15E.
2. CANCEL THIS MSG 02 SEP.

(251056Z AUG 2004)

1375/04(61). INDIAN OCEAN.

1. ICEBERG SIGHTED IN 44-00.5S 052-13.0E
AT 241400Z AUG.
2. CANCEL THIS MSG 01 SEP.

(251130Z AUG 2004)

1376/04(61). INDIAN OCEAN.

1. CHART 61410 (2ND ED).
DANGEROUS WRECK IN 12-21.0S 046-25.4E.

(251150Z AUG 2004)

1377/04(61).

1. HYDROPAC MESSAGES IN FORCE 250800Z AUG 2004. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2004 SERIES: 1167(22), 1177(GEN), 1180(22), 1182(71), 1193(71), 1215(63), 1218(95), 1219(71), 1220(95), 1221(95), 1222(95), 1225(95), 1227(71,93), 1229(95), 1232(95), 1233(95), 1238(81,92), 1239(81,92), 1254(62), 1266(96), 1268(93), 1271(63), 1272(GEN), 1273(63), 1278(63), 1281(93), 1286(22), 1288(62), 1289(62), 1293(62), 1295(71), 1305(63), 1309(96), 1311(63), 1313(83), 1322(19), 1324(73), 1326(63), 1327(62), 1328(22), 1330(62), 1331(29), 1333(93), 1334(74), 1340(96), 1341(73), 1343(62), 1346(81), 1349(63), 1352(76), 1355(63), 1357(63), 1358(95), 1360(63), 1361(81), 1363(96), 1365(75), 1367(63), 1368(63), 1369(63), 1370(22), 1371(22), 1373(GEN), 1374(62), 1375(61), 1376(61), 1377(GEN).
2. THE SUMMARY OF ALL HYDROPAC MESSAGES IN FORCE AS OF 11 DEC 2003 IS GIVEN IN SEC III OF NM 52/03. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 26/04.
3. CANCEL HYDROPAC 1128/04, 1143/04, 1146/04, 1314/04, 1348/04.

(251358Z AUG 2004)

SECTION III

NM 37/04

1378/04(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0430Z TO 1030Z DAILY 27 and 30 AUG
WITHIN TEN MILES OF 15-24.6N 073-47.1E BETWEEN
200 DEGREES AND 260 DEGREES FROM COAST.
2. CANCEL THIS MSG 301130Z AUG.

(260719Z AUG 2004)

1379/04(74). AUSTRALIA-NORTHWEST COAST.

PIPELAYING OPERATIONS IN PROGRESS UNTIL FURTHER
NOTICE BY BARGE SEMAC 1 ALONG TRACKLINE BETWEEN
12-22S 130-42E AND 12-09S 130-09E.
WIDE BERTH REQUESTED.

(260832Z AUG 2004)

1380/04(81). NORTH PACIFIC.

DISTRESS SIGNAL RECEIVED ON 406 MHZ VICINITY 18-47.0N 160-08.1E AT 260446Z AUG.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO JAPAN COAST GUARD.

(260857Z AUG 2004)

1381/04(92). BOHOL SEA. CEBU.

DISTRESS SIGNAL RECEIVED ON 406 MHZ VICINITY 10-20.3N 123-56.2E AT 260446Z AUG.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO JAPAN COAST GUARD.

(260904Z AUG 2004)

1382/04. CANCELED.

MARAD ADVISORIES

MARAD ADVISORIES rapidly disseminate information on government policy, danger and safety issues pertaining to vessel operations and other timely maritime matters. They are periodically issued by the U.S. Maritime Administration (MARAD) to vessel masters, operators, and other U.S. maritime interests.

The text of all in-force MARAD ADVISORIES may be obtained by accessing the NGA Maritime Safety Information website (http://164.214.12.145/warn/warn_j_query.html), by referring to Section I (paragraph 50) of US Notice to Mariners 1/04 for those in-force as of 18 December 2003, or by contacting the Maritime Administration Office of Ship Operations, Code MAR-613, Room 2123, 400 Seventh Street S.W., Washington DC 20590, Telephone (202) 366-5735, FAX (202) 366-3954, TLX II 710-822-9426 (MARAD DOT WSH).

MARAD ADVISORIES in force 26 August 2004: 00-7, 01-7, 02-2, 02-5, 02-7 and 03-4.

SPECIAL WARNINGS

SPECIAL WARNINGS, primarily intended to announce official government proclamations affecting shipping, are broadcast as needed. They are numbered consecutively and further promulgated in the Notice to Mariners.

The text of all in-force SPECIAL WARNINGS may be obtained by accessing the NGA Maritime Safety Information website (http://164.214.12.145/warn/warn_j_query.html) or by referring to Section I (paragraph 7) of US Notice to Mariners 1/04 for those in-force as of 18 December 2003.

SPECIAL WARNINGS in force 26 August 2004: 1, 29, 77, 81, 82, 89, 92, 95, 107, 108, 111, 113, 114, 115, 116, 117, 118, 119, 120 and 121.

MARINE INFORMATION

UNITED STATES OF AMERICA NOTICE TO MARINERS CHANGE IN DISTRIBUTION

The National Geospatial-Intelligence Agency (NGA) is in the midst of a hard copy to digital transition program. NGA has statutory requirements to produce and make available safety of navigation data and will continue to meet this obligation to the mariner. The weekly Notice to Mariners is available free of charge to all customers through the Internet on our website. Beginning with Notice to Mariners No. 1, 2005 NGA will no longer print and distribute hard copy versions of this weekly product.

The digital version of the weekly Notice to Mariners is available on the Maritime Safety Information website at <http://pollux.nss.nga.mil/> or through the NGA home page (www.nga.mil). All of the information and data contained in the hard copy Notice is also available on this website. Customers can rely on the same quality of data that the Notice to Mariners provides to the civil and military mariner with the advantages afforded by the Internet. Customers can access daily navigational safety updates and not be hampered by weekly mail deliveries of the hard copy Notice.

NOAA CHART NEW EDITIONS AND THEIR AVAILABILITY

NOAA recognizes two paper nautical chart products:

- the Charts-on-Demand chart distributed by OceanGrafix (www.OceanGrafix.com), and
- the traditional NOAA/NOS paper chart distributed by the Federal Aviation Administration and the National Geospatial-Intelligence Agency (NGA).

The Charts-on-Demand chart is available the day after NOAA clears a New Edition for release. The traditional chart is available two to eight weeks later. Each is official, should be put into service immediately, and meets Federal chart carriage requirements immediately upon its release. For questions, contact NOAA at help@nauticalcharts.gov or call 301-713-1773 x105. Dates of Latest Edition for both charts are listed at <http://nauticalcharts.noaa.gov>.

This week's new edition released by NOAA is listed below:

12372	33 rd Ed. Aug 2004 NEW EDITION RI-CT-LONG ISLAND SOUND-WATCH HILL TO NEW HAVEN HARBOR (New edition due to numerous Notice to Mariner changes, new NOS hydrography, and various other changes.)	NAD 83 1:40,000	(NOS Silver Spring, MD)
13215	18 th Ed. Aug 2004 NEW EDITION CT-RI-NY-BLOCK ISLAND SOUND-POINT JUDITH TO MONTAUK POINT (New edition due to new NOS hydrography.)	NAD 83 1:40,000	(NOS Silver Spring, MD)
13292	37 th Ed. Aug 2004 NEW EDITION ME-PORTLAND HARBOR AND VICINITY (New edition due to new NOS hydrography and various general changes.)	NAD 83 1:20,000	(NOS Silver Spring, MD)
14842	57 th Ed. Aug 2004 NEW EDITION BOOK CHART - OH-SOUTH SHORE OF LAKE ERIE (New edition due to numerous Notice to Mariner changes and various general changes.)	NAD 83 VARIOUS	(NOS Silver Spring, MD)
14970	26 th Ed. Aug 2004 NEW EDITION MI-LAKE SUPERIOR-MARQUETTE-PRESQUE ISLE CHANNEL (New edition due to numerous Notice to Mariner changes and change in format.)	NAD 83 1:15,000	(NOS Silver Spring, MD)
16011	36 th Ed. Aug 2004 NEW EDITION AK-ALASKA PENINSULA-ALEUTIAN ISLANDS TO SEGUAM (New edition due to new topography and new hydrography.)	NAD 83 1:1,023,188	(NOS Silver Spring, MD)
16605	9 th Ed. Aug 2004 NEW EDITION AK-SHUYAK STRAIT AND BLUEFOX BAY (New edition due to change in format.)	NAD 83 1:20,000	(NOS Silver Spring, MD)

17376 7th Ed. Jun 2004 NEW EDITION NAD 83 (NOS Silver Spring, MD)
AK-CHATHAM STRAIT-TEBENKOF BAY AND PORT MALMESBURG 1:40,000
(New edition due to change in format.)

NEW EDITION OF LIST OF LIGHTS

Pub. 111, 2004 Edition, List of Lights, Radio Aids and Fog Signals for the West Coasts of North and South America (excluding Continental U.S.A. and Hawaii), Australia, Tasmania, New Zealand, and the Islands of the North and South Pacific Oceans, is ready for issue.

This edition contains information available to the National Geospatial-Intelligence Agency (NGA) up to 3 July 2004, including Notice to Mariners No. 27 of 2004.

Corrections subsequent to the above effective date, up to and including Notice to Mariners No. 37 of 2004, are contained in Section II of this Notice.

In the interval between new editions, corrective information affecting this publication will be published in the Notice to Mariners and must be applied in order to keep this publication current.

Note: Copies of the above publication may be obtained from the Government Printing Office (GPO).

NEW EDITION OF SUMMARY OF CORRECTIONS

Summary of Corrections for the Western Pacific Ocean (Regions 8 and 9), Volume 4, 2004 Edition, is ready for issue. This publication has been corrected to 26 June 2004, including Notice to Mariners No. 26 of 2004.

This edition is produced by NGA in digital format only, available on CD-ROM and includes the digital chart correction graphics in their full original color.

NEW EDITION OF SAILING DIRECTIONS

Pub. 172, Sailing Directions (Enroute) Red Sea and the Persian Gulf, Tenth Edition, 2004, is ready for issue. This publication has been corrected to 7 August 2004, including Notice to Mariners No. 32 of 2004.

This edition is produced by NGA in digital format only, available on CD-ROM and/or electronic access through the World Wide Web.

Digital Nautical publications will be updated using a binary executable called "Publication Data Update (PDU)". PDU's are cumulative or sequential, ensuring customers will not miss any changes, and may be accessed on the Maritime Safety Information Division website (<http://pollux.nss.nga.mil>).

MARINE INFORMATION REPORT AND SUGGESTION SHEET INSTRUCTIONS

We value your suggestions to improve our products. The Marine Information Report and Suggestion Sheet is provided for users to submit corrective information. Please be complete and accurate in your description/suggestion and include the information as detailed below:

Observer: name(s) of person(s) making observation and rank, rate or title.

Ship/Organization: name of vessel or organization.

Address: complete mailing address. Also include telephone number, fax, and/or e-mail address, if available, in case clarification is required.

Date of Observation: day, month and year at which the observation was made.

Time of Observation: local time at which the observation was made.

Latitude/Longitude: exact position of the observation expressed as accurately as possible.

Datum: horizontal datum to which the observed position is referred (e.g. WGS, NAD83, local foreign datum, etc.).

Navigation System: method used to determine the position of the observation (e.g. radar, GPS, Loran, etc.).

Include details about the equipment used, if deemed pertinent.

Verified by Navigator: indicate whether observation was verified by navigator.

Product(s) Affected: product number(s) and/or name(s) to which the observation applies (e.g. Chart 62400, Sailing Directions Pub. 127, etc.).

Edition: edition number and/or year of affected product.

Latest correction applied: the latest Notice to Mariners to which your copy of affected product has been corrected.

Sounding sensor or method used: equipment or method used to collect soundings. When reporting soundings, please provide an annotated echogram, if available, for verification.

Soundings corrected for draft: indicate whether soundings have been corrected for vessel's draft. If not, please include observed draft along with the details of information reported.

Details of Information Reported: use this space to provide details of the observation/suggestion. When referring to a charted feature, please describe it exactly as it appears on the chart. When referring to a publication, please indicate page number(s) and line number(s) or station number(s) as applicable. Use additional sheets as necessary and include diagrams, photocopies of the product(s) involved and/or photographs to describe observations in greater detail. If possible, include the designation, point of contact, telephone number, fax number and/or e-mail address of the local port authority to enable NGA to update our records and obtain additional or later information.

User Feedback: use this space to provide feedback and suggestions for improving NGA products and services.

Please detach, fold and mail the pre-addressed form and include any other relevant material or supporting information.

Reports which present an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. In general, these hazards would include major aids to navigation anomalies, discovery of obstructions or shoals with depths of less than 30 meters, floating dangers to shipping, and any situation deemed critical to safety of life at sea. For further information consult Notice to Mariners No. 1, paragraph 44 (Worldwide Navigational Warnings Service).

Due to the large volume of information received, NGA cannot acknowledge receipt of every report. Some reports containing useful data are filed for use in the compilation of the next edition of the affected product. Others confirm or clarify previously reported information. Echogram traces are digitized and become part of our Bathymetric Database. Acknowledgment is made by inclusion in the Observer's List of the Notice to Mariners (page ii), or in some cases by letter from the Agency involved.

For additional information about various Hydrographic Reports, consult The American Practical Navigator (Chapter 30).

MARINE INFORMATION REPORT AND SUGGESTION SHEET

Observer _____ Ship/Organization _____

Address _____

Email address _____

Date of Observation _____ Time of Observation (Local) _____

Latitude _____ Longitude _____ Datum _____

Navigation System _____ Verified by Navigator: Yes _____ No _____

Product(s) Affected _____ Edition _____

Latest correction applied: N.M. _____

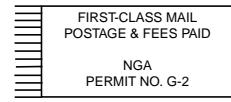
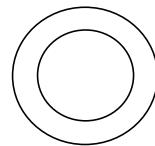
Sounding sensor or method used _____ Sounding(s) corrected for draft: Yes _____ No _____

Details of Information Reported (continue on additional sheets as necessary) _____

User Feedback (continue on additional sheets as necessary) _____



**MARITIME SAFETY INFORMATION DIVISION
ST D44
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY
4600 SANGAMORE ROAD
BETHESDA MD 20816-5003**



ARCTIC MARITIME SAFETY INFORMATION REPORT SHEET

Observer _____

Ship/Organization _____

Phone _____ Email Address_____

Describe Hazard (e.g. dredge, buoy, current meter, operations): _____

Is hazard remotely monitored? Yes _____ No _____

If yes, list Internet URL where most recent position will be posted (if any): _____

Depth water column is occupied (e.g. "bottom to surface", "surface to 500m"): _____

Date of Insertion _____ Latitude _____ Longitude _____

Date of Expected Removal _____

Most Recent Observation: Date _____ Time (Local) _____

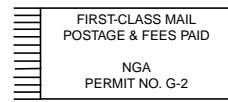
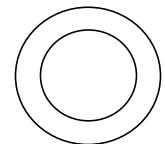
Latitude _____ Longitude _____ Datum _____

Navigation System _____ Verified by Navigator: Yes _____ No _____

Sounding sensor or method used _____

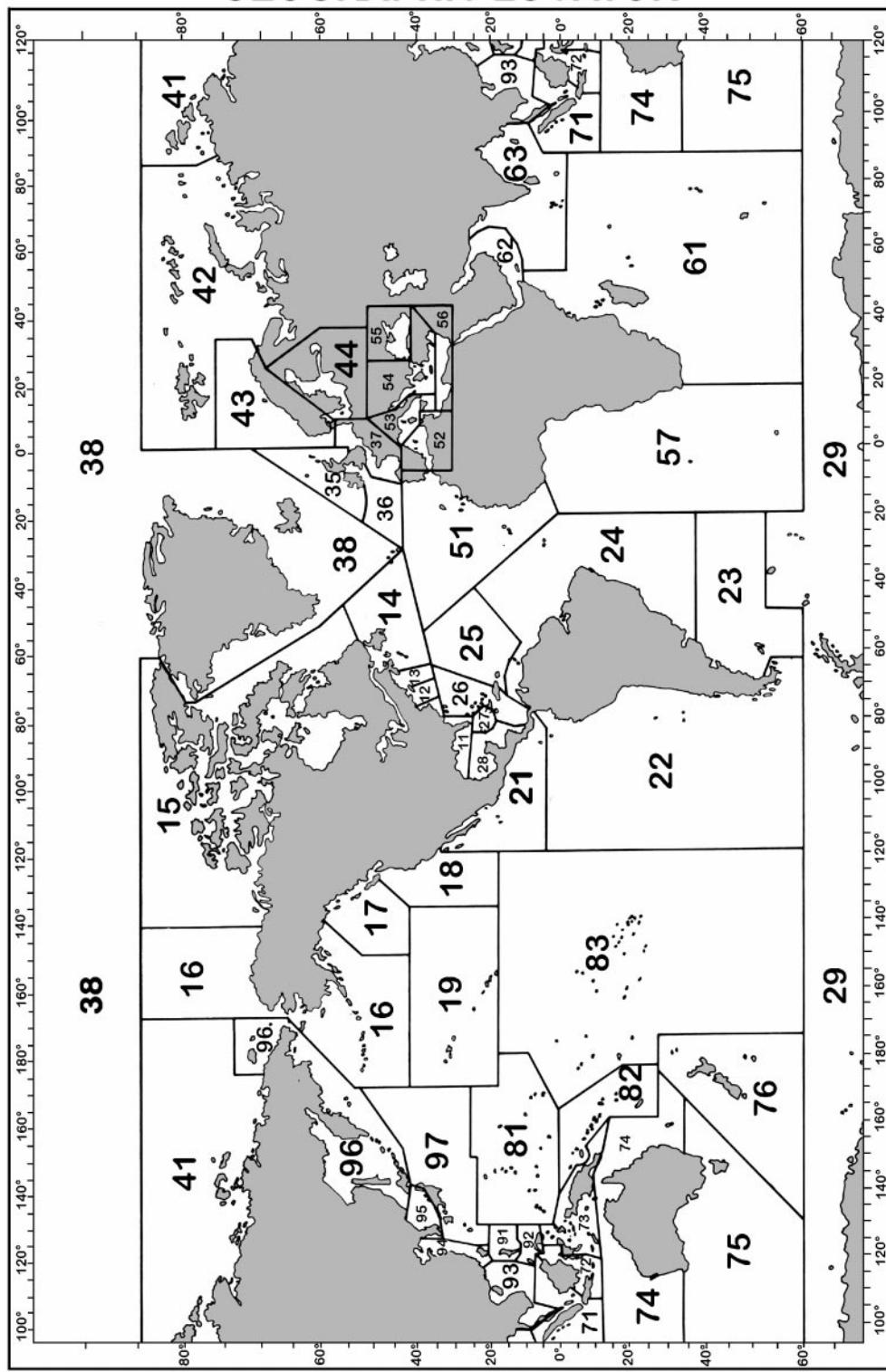
Sounding(s) corrected for draft: Yes _____ No _____

Details of Information Reported (continue on additional sheets as necessary): _____



**MARITIME SAFETY INFORMATION DIVISION
ST D44
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY
4600 SANGAMORE ROAD
BETHESDA MD 20816-5003**

GEOGRAPHIC LOCATOR



For chart numbering purposes, the world is divided into nine regions, each corresponding to the geographic limits of one of the nine regions in the NGA Catalog of Maps, Charts, and Related Products, Part 2-Hydrographic Products, Volume 1. Each Region is further subdivided into the numbered Subregions in the above graphic. The first two digits of all five-digit chart numbers indicate the geographic subregion to which the chart pertains. Users can locate corrections in this Notice for charts of their immediate interest by determining the two-digit Sub-region number of the pertinent geographic area, and then turning to the page or pages that list the chart numbers beginning with those two digits.

AFTER 5 DAYS RETURN TO

DEFENSE SUPPLY CENTER RICHMOND

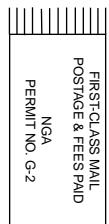
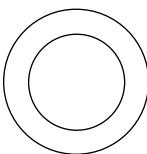
ATTN: JNAH

8000 JEFFERSON DAVIS HIGHWAY
RICHMOND, VIRGINIA 23297-5338

OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE \$500

FIRST CLASS



**IMPORTANT
NAVIGATIONAL INFORMATION
TIME-DATED**



**NOTICE TO
MARINERS**

PLEASE EXPEDITE DELIVERY